

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005974.D
 Acq On : 14 Nov 2018 15:15
 Operator : JC/MD
 Sample : J5860-14ME 10X
 Misc : 4.88g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-105(0-4)MEDL

Quant Time: Nov 15 00:22:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	149380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	137316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73504	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	64285	56.56	ug/l	0.00
Spiked Amount			Recovery	=	113.12%	
35) Dibromofluoromethane	5.50	113	48978	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	181741	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	
62) 4-Bromofluorobenzene	11.14	95	67575	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	524	0.729	ug/l #	76
6) Chloroethane	1.67	64	149	0.213	ug/l #	15
16) Acetone	2.45	43	690	1.128	ug/l	90
17) Carbon Disulfide	2.56	76	607	0.233	ug/l	99
18) Methyl Acetate	2.78	43	1780	Below Cal		94
20) Methylene Chloride	2.85	84	248	0.247	ug/l #	61
25) 2-Butanone	4.70	43	598	0.622	ug/l #	51
31) Cyclohexane	5.59	56	1571	0.992	ug/l #	80
36) 1,1-Dichloropropene	5.66	75	7065	4.906	ug/l #	49
38) Carbon Tetrachloride	5.66	117	9313	6.460	ug/l #	15
39) Methylcyclohexane	7.46	83	2621	1.796	ug/l #	81
40) Benzene	6.14	78	1449	0.345	ug/l	100
48) Methyl methacrylate	7.73	41	480	0.390	ug/l #	73
51) 4-Methyl-2-Pentanone	8.68	43	1374	0.795	ug/l #	38
52) Toluene	8.78	92	876	0.373	ug/l	96
55) 1,1,2-Trichloroethane	9.16	97	804	0.769	ug/l #	20
56) Ethyl methacrylate	9.16	69	368	0.235	ug/l #	8
67) Ethyl Benzene	10.25	91	23039	5.223	ug/l	100
68) m/p-Xylenes	10.36	106	3588	2.132	ug/l	99
69) o-Xylene	10.70	106	943	0.625	ug/l	81
70) Styrene	10.71	104	1073	0.431	ug/l	92
73) Isopropylbenzene	11.02	105	3885	0.914	ug/l	94
74) N-amyl acetate	10.91	43	1099	1.700	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	367	0.235	ug/l #	92
76) 1,2,3-Trichloropropane	11.14	75	34422	22.999	ug/l #	37
78) n-propylbenzene	11.36	91	17197	3.433	ug/l	97
79) 2-Chlorotoluene	11.45	91	2276	0.752	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	2363	0.654	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	34422	73.300	ug/l #	10
83) tert-Butylbenzene	11.80	119	7452	2.039	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.80	105	58702	14.641	ug/l	100
85) sec-Butylbenzene	11.94	105	4279	0.958	ug/l	98
86) p-Isopropyltoluene	12.06	119	3549	0.897	ug/l #	84
89) n-Butylbenzene	12.39	91	10098	2.753	ug/l #	73

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

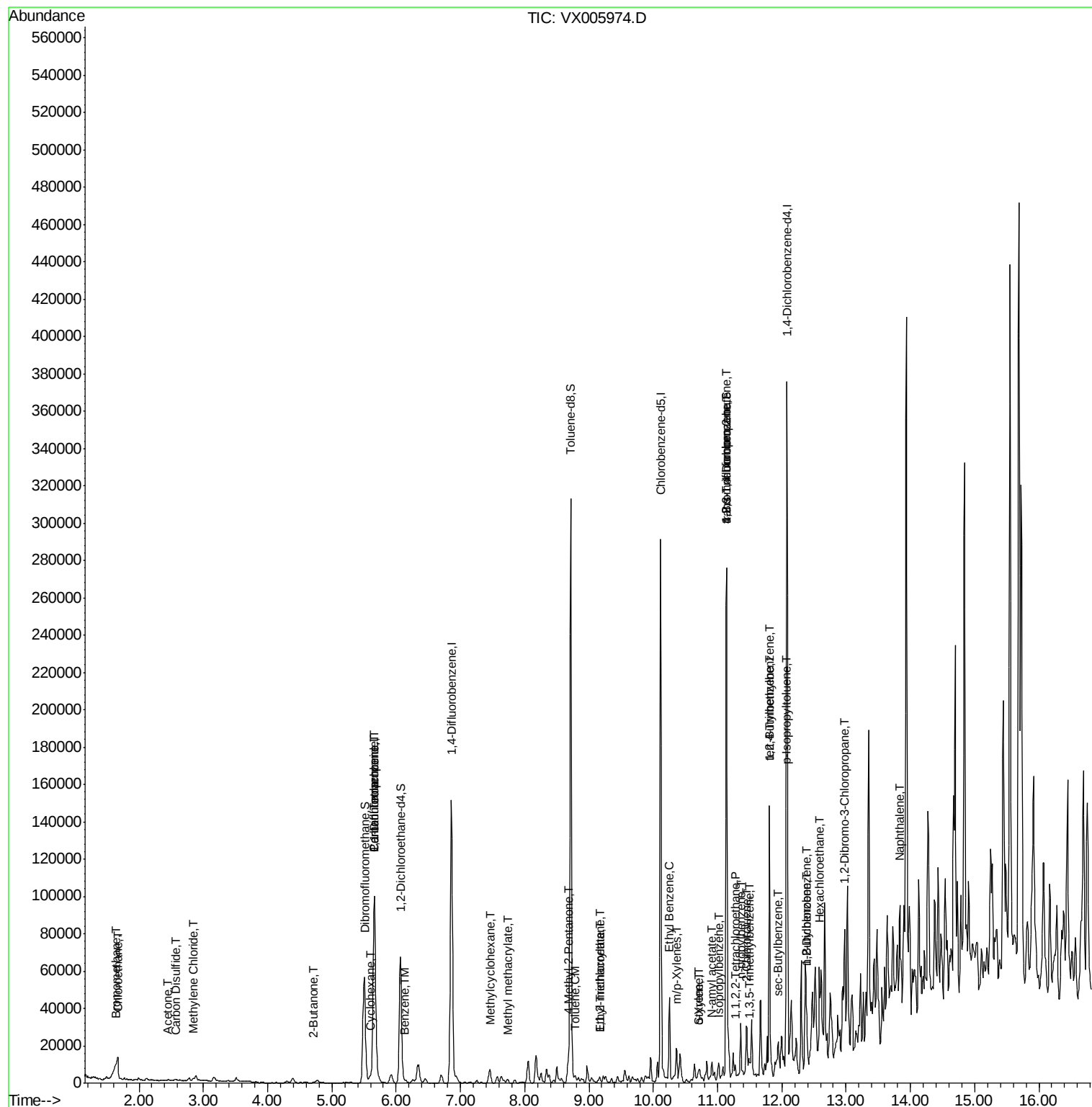
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	2407	3.642	ug/l #	2
91) 1,2-Dichlorobenzene	12.39	146	1842	0.800	ug/l #	80
92) 1,2-Dibromo-3-Chloropropan	12.98	75	217	0.570	ug/l #	1
95) Naphthalene	13.83	128	41903	8.915	ug/l #	97

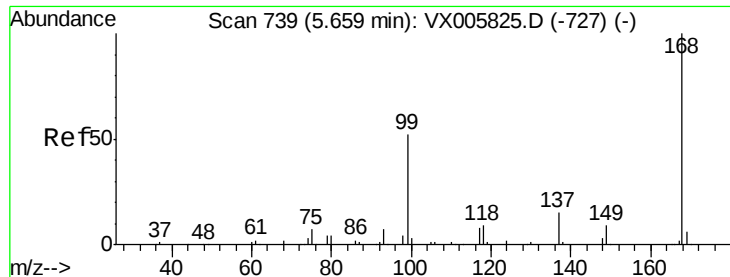
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

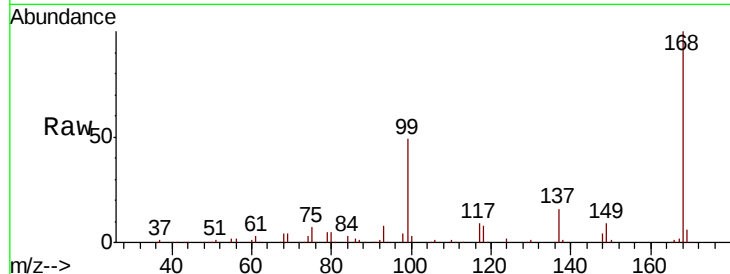
EP2-SB-105(0-4)MEDL

Tot Ion:168 Resp: 98857

Ion Ratio Lower Upper

168 100

99 49.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

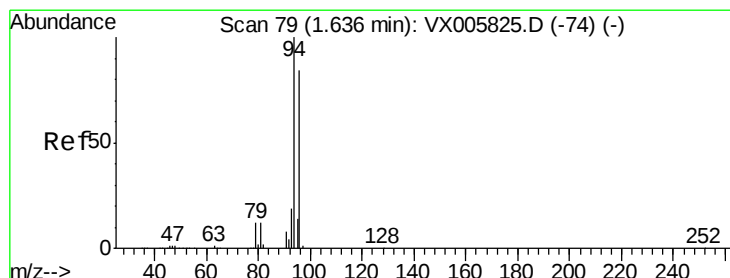
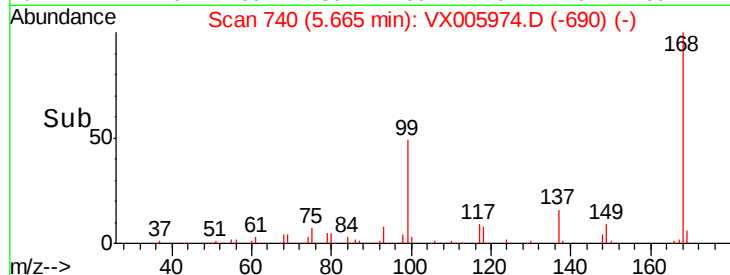
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.729 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005974.D

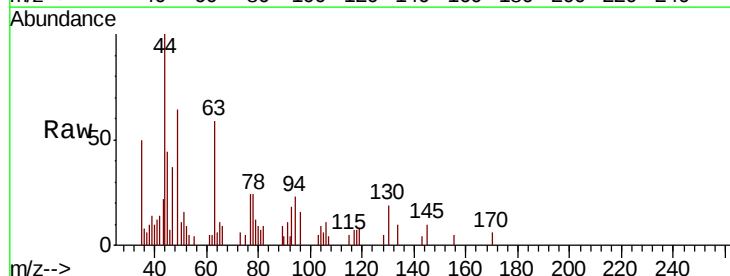
Acq: 14 Nov 2018 15:15

Tgt Ion: 94 Resp: 524

Ion Ratio Lower Upper

94 100

96 71.0 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

250

200

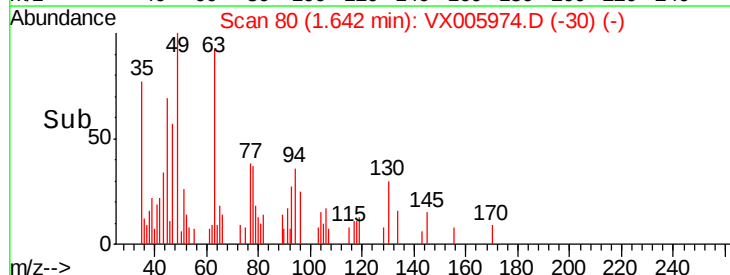
150

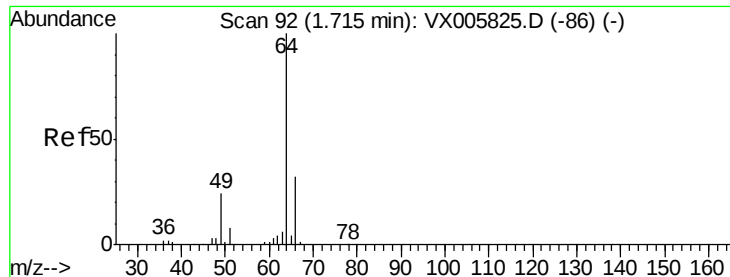
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.213 ug/l

RT: 1.67 min Scan# 85

Delta R.T. -0.04 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

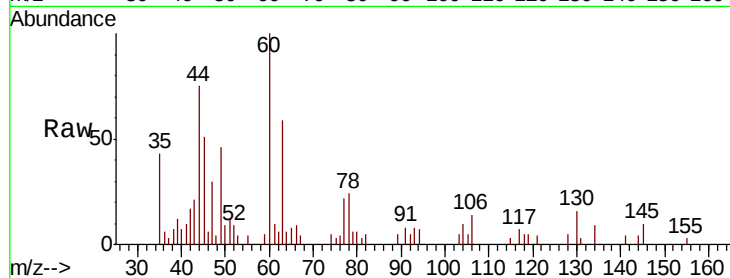
EP2-SB-105(0-4)MEDL

Tot Ion: 64 Resp: 149

Ion Ratio Lower Upper

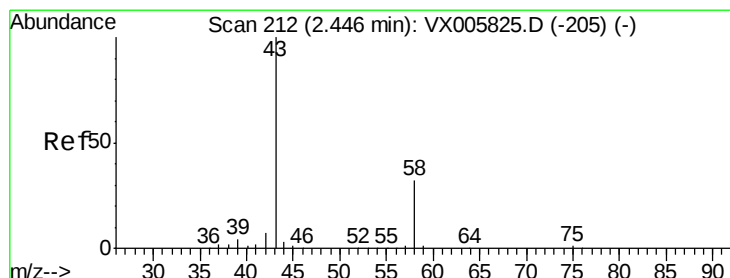
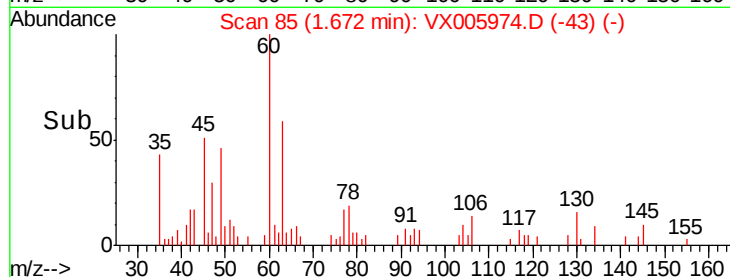
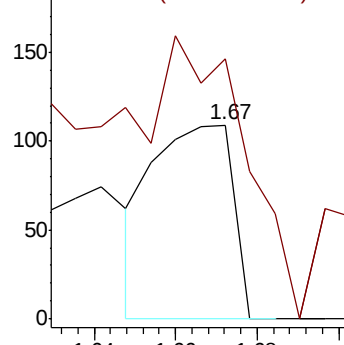
64 100

66 79.8 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#16

Acetone

Concen: 1.128 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005974.D

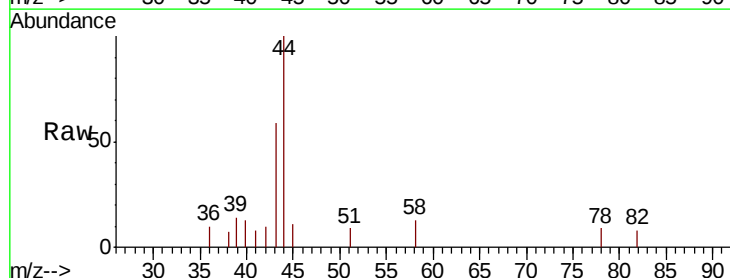
Acq: 14 Nov 2018 15:15

Tgt Ion: 43 Resp: 690

Ion Ratio Lower Upper

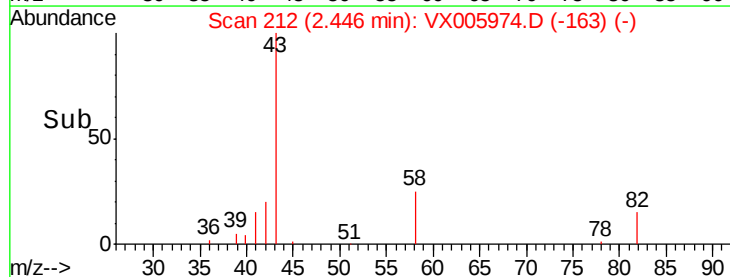
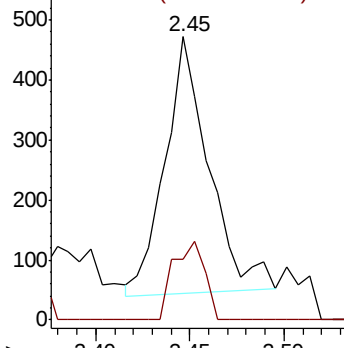
43 100

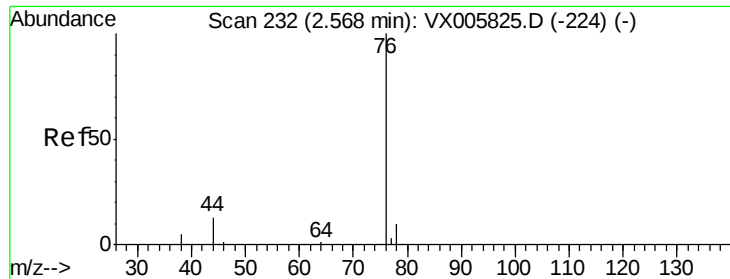
58 24.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

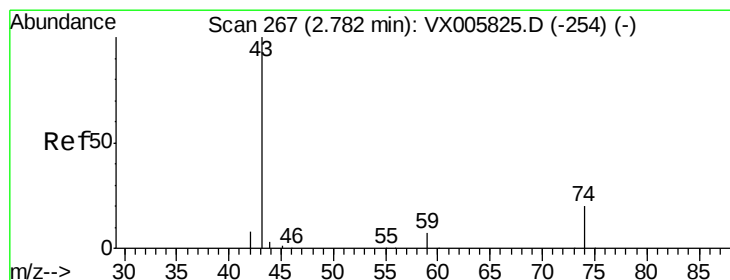
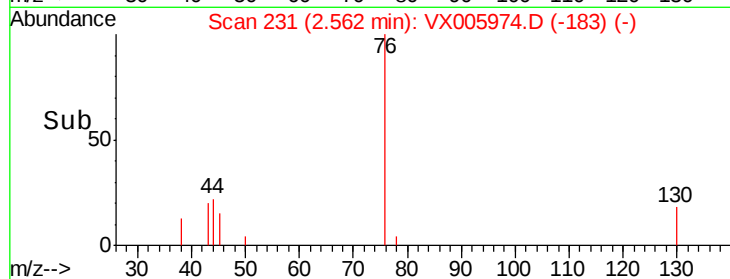
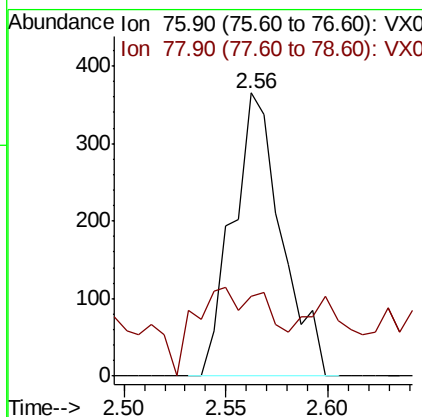
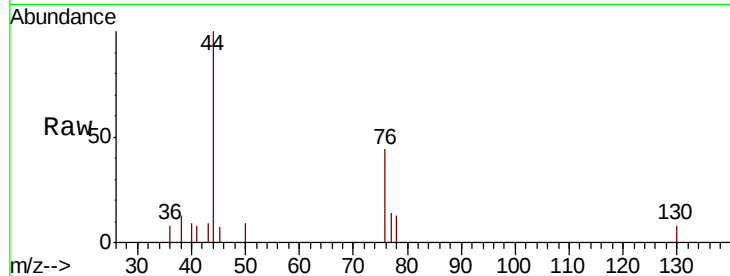




#17
Carbon Disulfide
Concen: 0.233 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

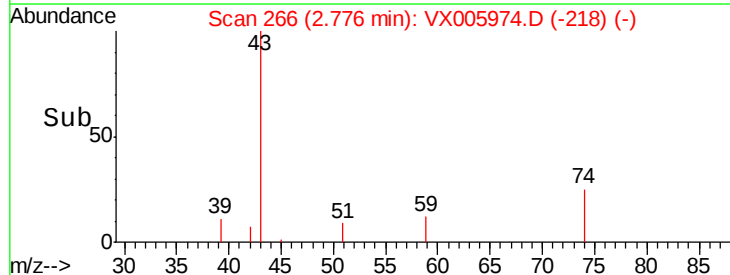
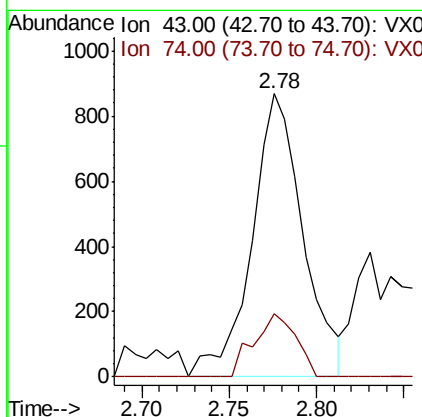
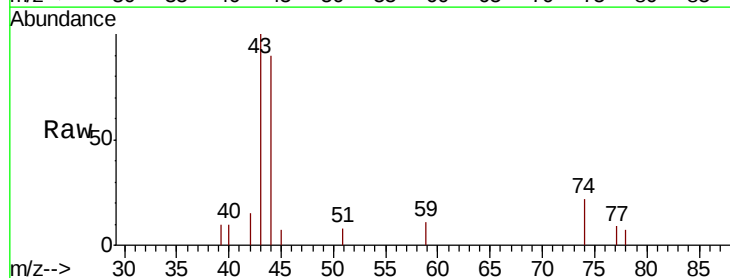
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-105(0-4)MEDL

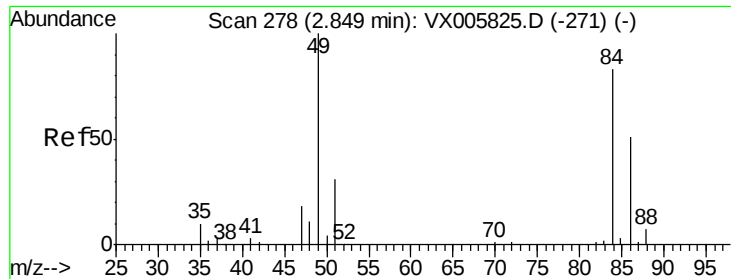
Tot Ion: 76 Resp: 607
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
74 18.4 16.8 25.2

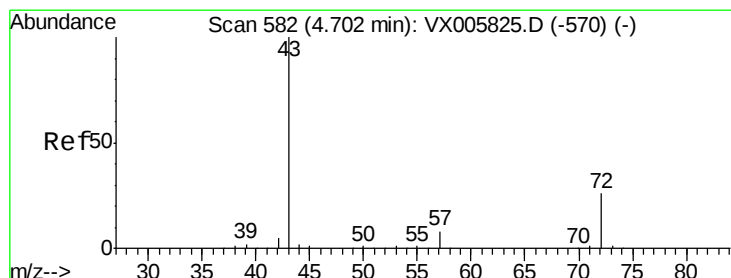
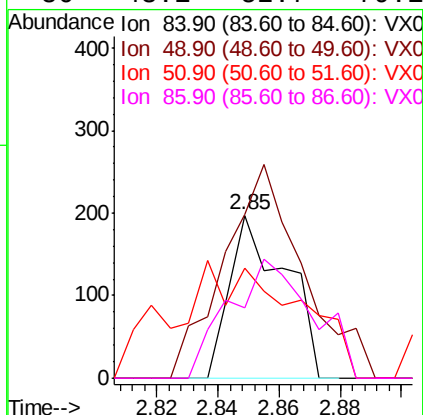
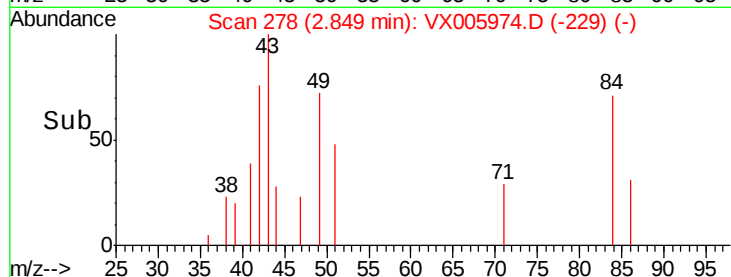
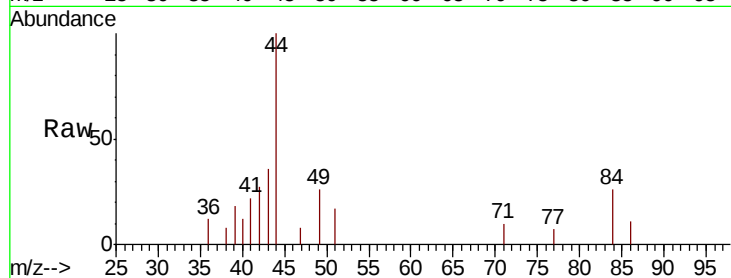




#20
Methvlene Chloride
Concen: 0.247 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

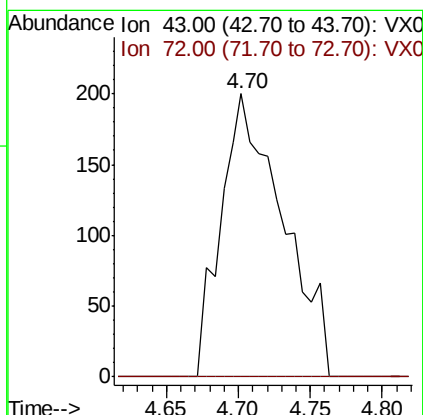
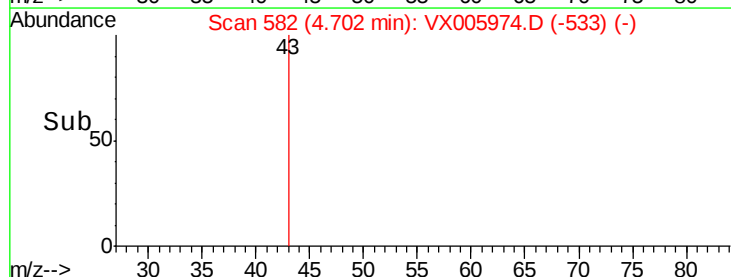
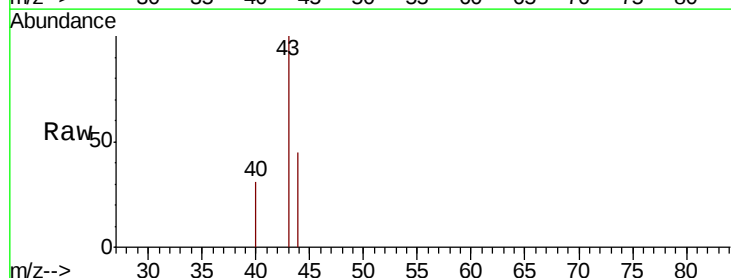
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-105(0-4)MEDL

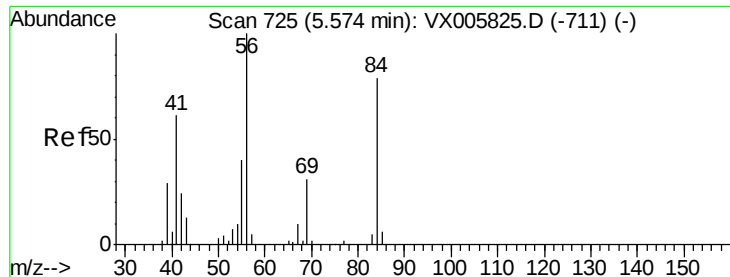
Tot Ion:	84	Resp:	248
Ion	Ratio	Lower	Upper
84	100		
49	74.1	109.5	164.3#
51	34.0	33.3	49.9
86	43.1	52.7	79.1#



#25
2-Butanone
Concen: 0.622 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Tgt Ion:	43	Resp:	598
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#





#31

Cyclohexane

Concen: 0.992 ug/l

RT: 5.59 min Scan# 728

Delta R.T. 0.02 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-105(0-4)MEDL

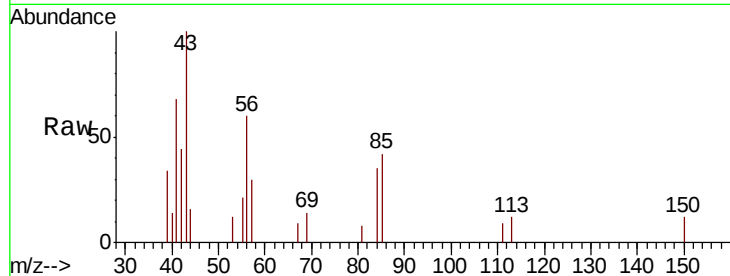
Tot Ion: 56 Resp: 1571

Ion Ratio Lower Upper

56 100

69 23.7 22.6 34.0

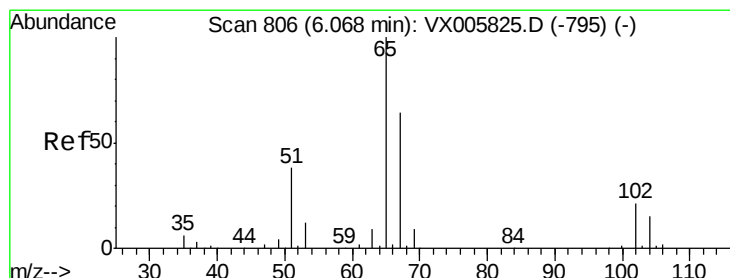
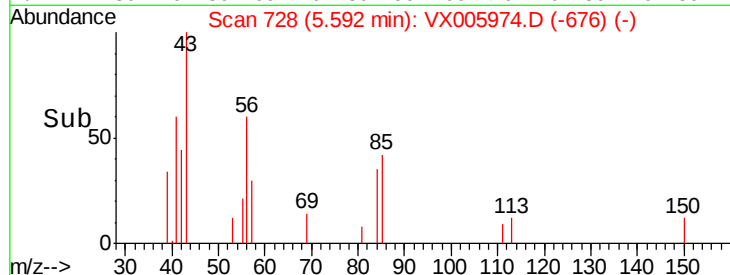
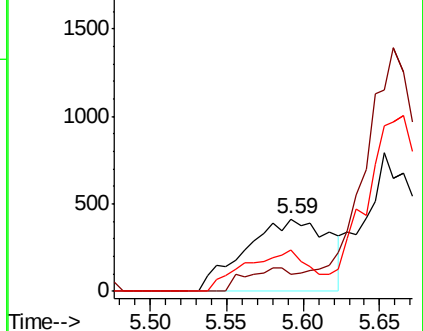
84 57.7 62.7 94.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.565 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005974.D

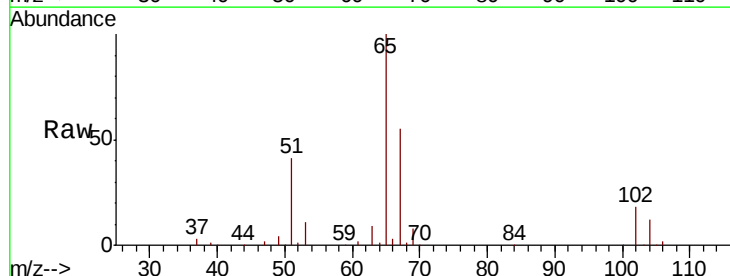
Acq: 14 Nov 2018 15:15

Tgt Ion: 65 Resp: 64285

Ion Ratio Lower Upper

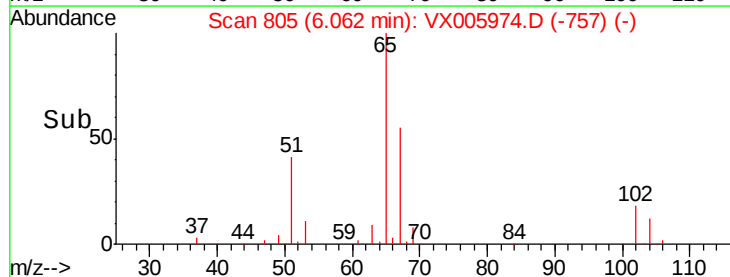
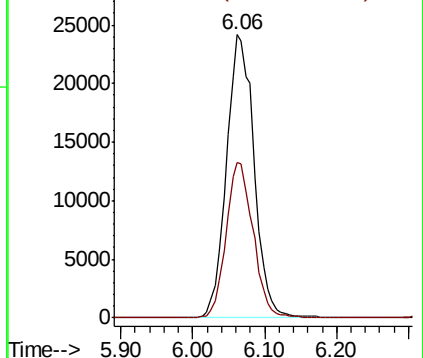
65 100

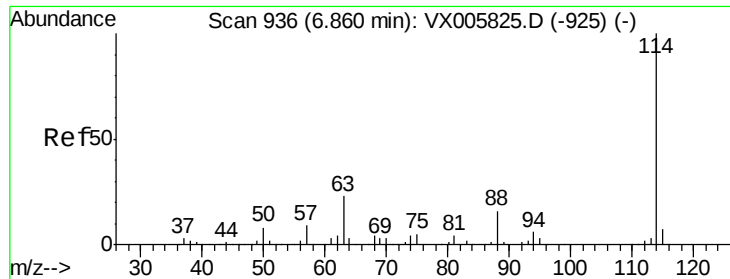
67 53.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

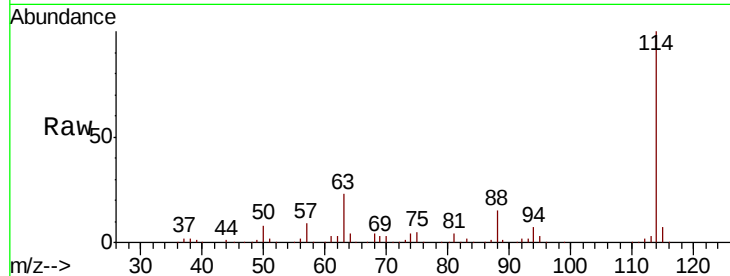




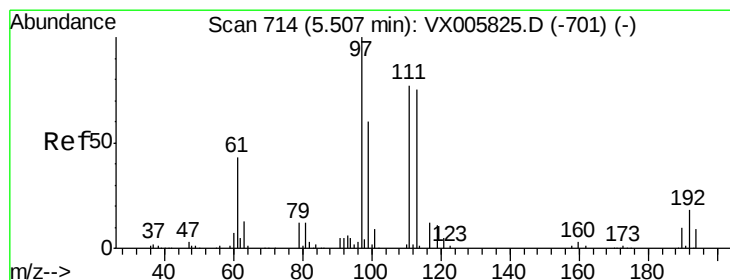
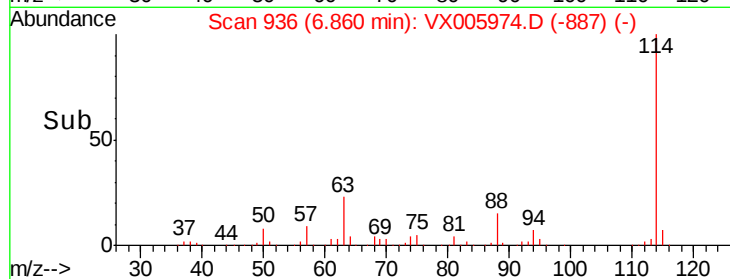
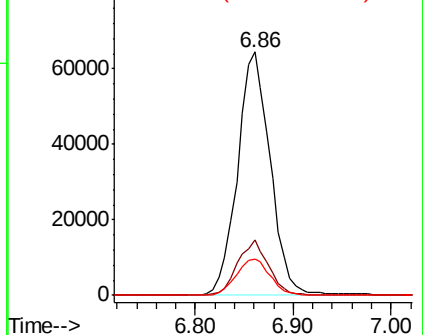
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-105(0-4)MEDL

Tot Ion:114 Resp: 149380
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.8
 88 14.9 0.0 31.2

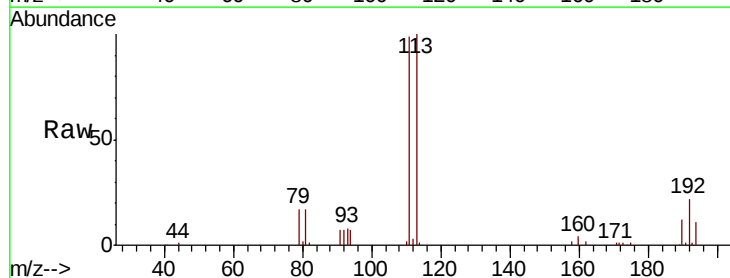


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

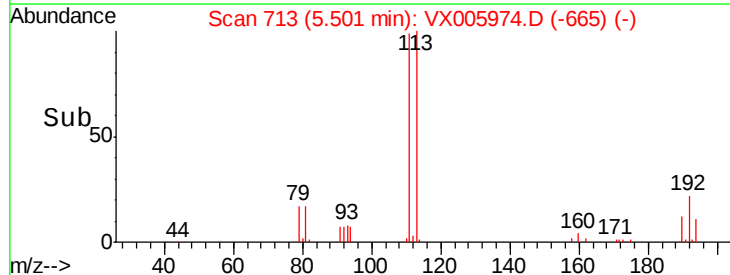
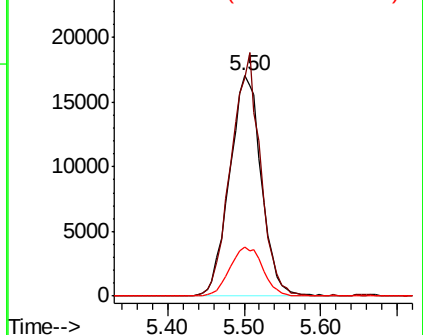


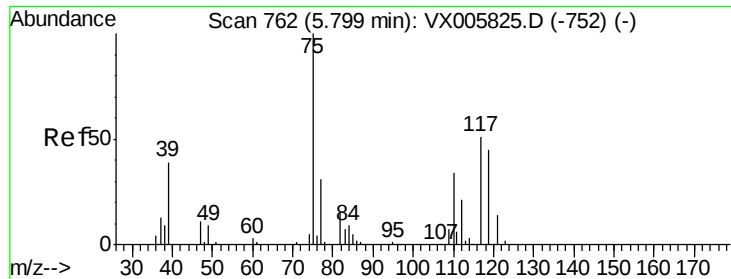
#35
 Dibromofluoromethane
 Concen: 48.206 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

Tgt Ion:113 Resp: 48978
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.3 123.5
 192 23.0 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

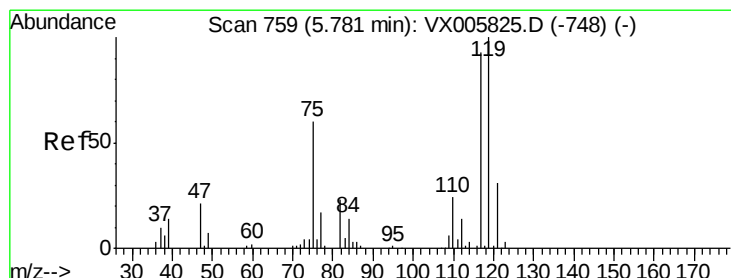
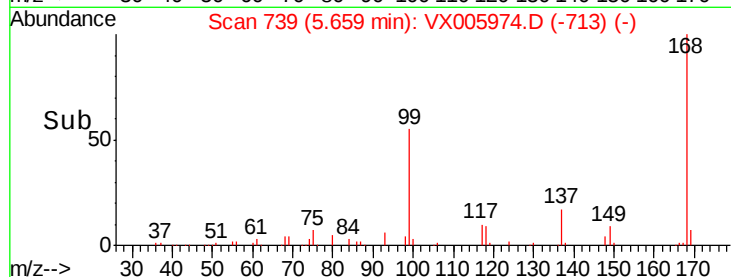
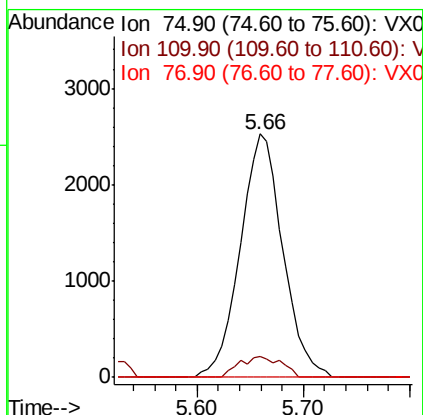
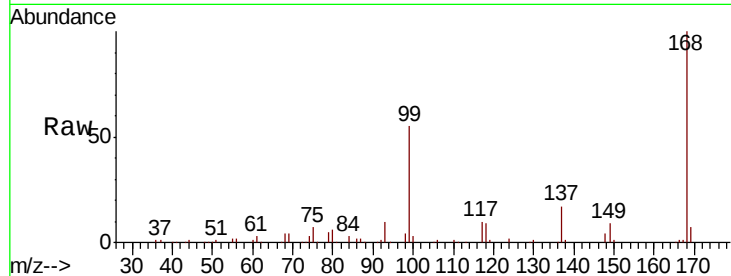




#36
 1,1-Dichloropropene
 Concen: 4.906 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

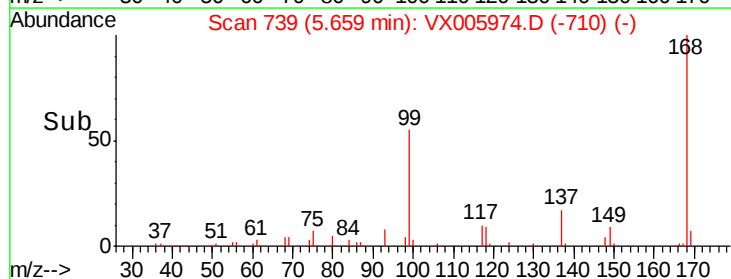
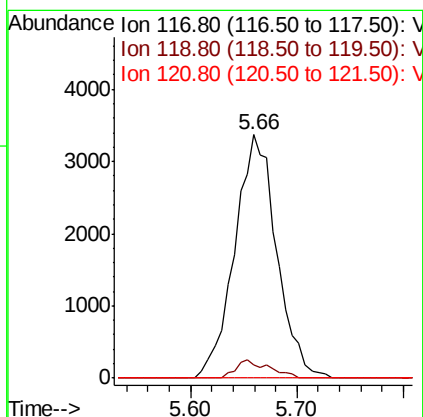
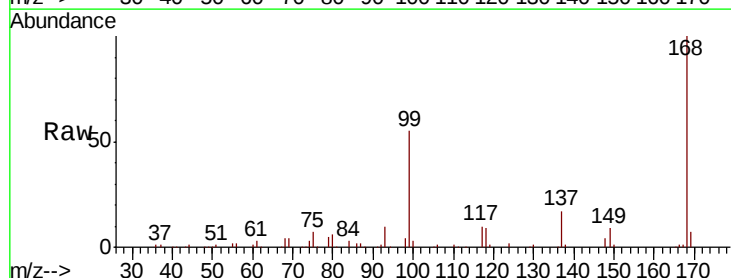
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-105(0-4)MEDL

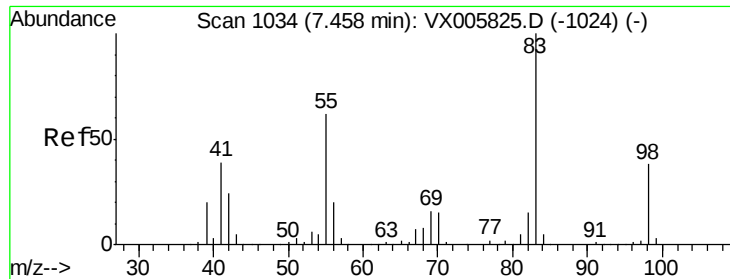
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.4	52.2#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.460 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.1	117.1#
121	0.0	24.6	36.8#

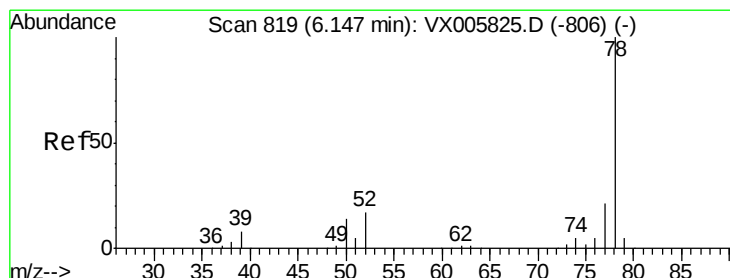
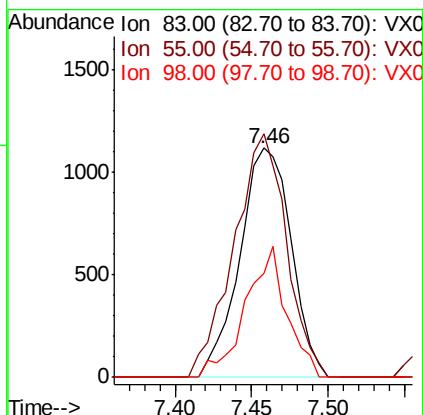
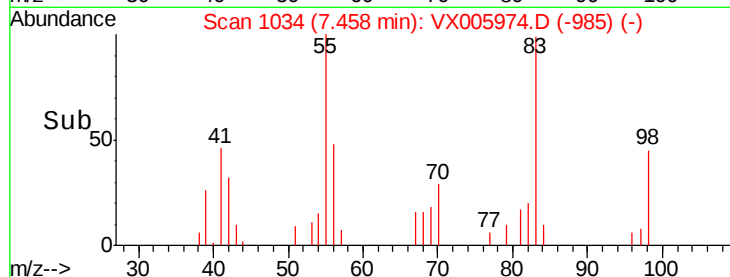
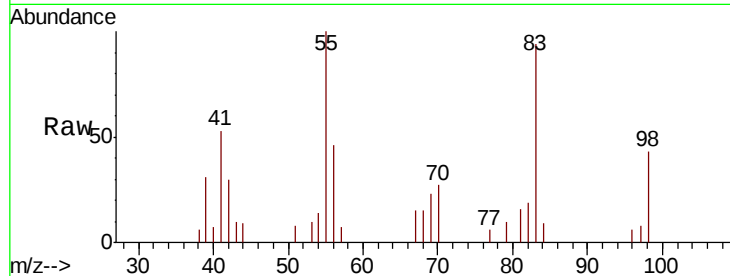




#39
Methvlcvclohexane
Concen: 1.796 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

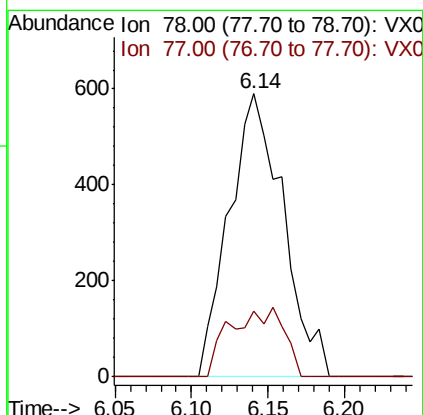
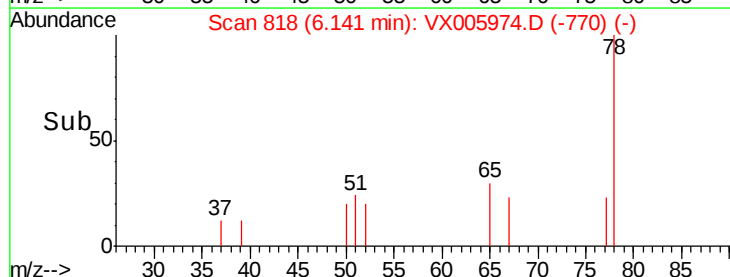
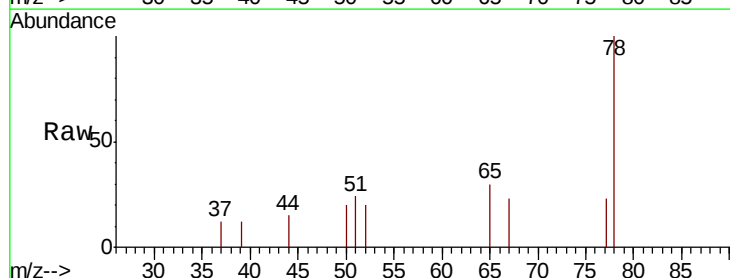
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-105(0-4)MEDL

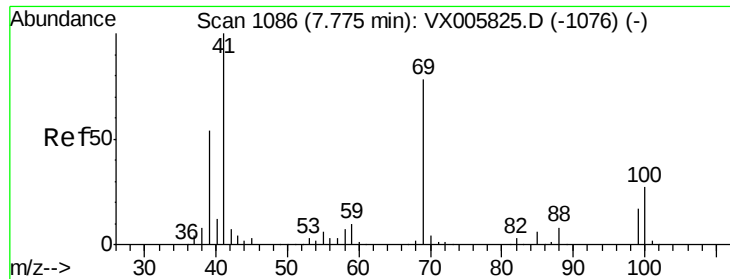
Tot Ion: 83 Resp: 2621
Ion Ratio Lower Upper
83 100
55 106.3 63.7 95.5#
98 45.2 36.2 54.2



#40
Benzene
Concen: 0.345 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Tgt Ion: 78 Resp: 1449
Ion Ratio Lower Upper
78 100
77 23.1 18.4 27.6

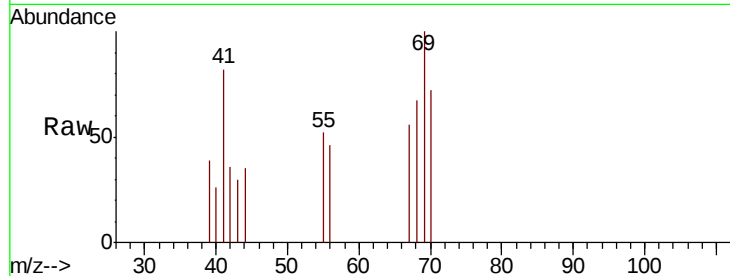




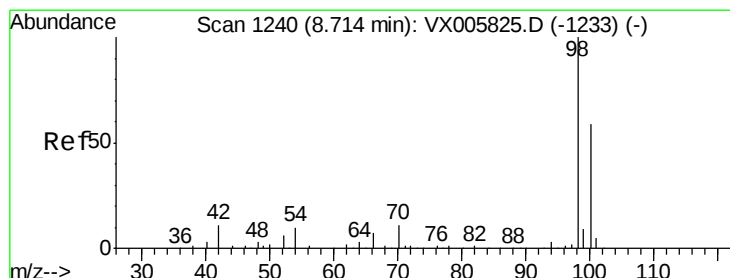
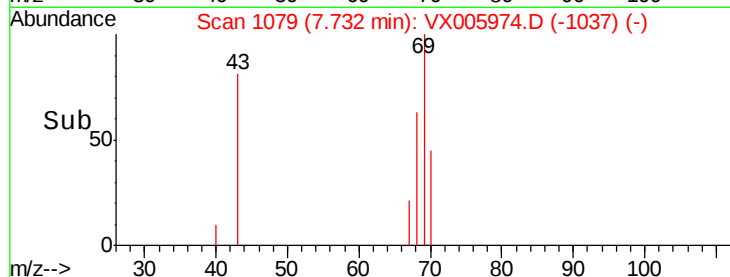
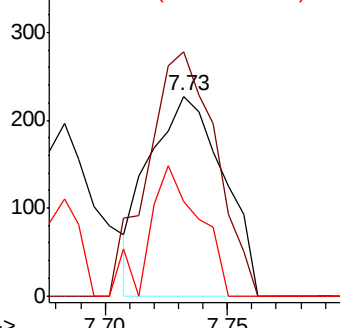
#48
Methyl methacrylate
Concen: 0.390 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-105(0-4)MEDL

Tot Ion: 41 Resp: 480
Ion Ratio Lower Upper
41 100
69 111.9 63.2 94.8#
39 44.0 42.2 63.2

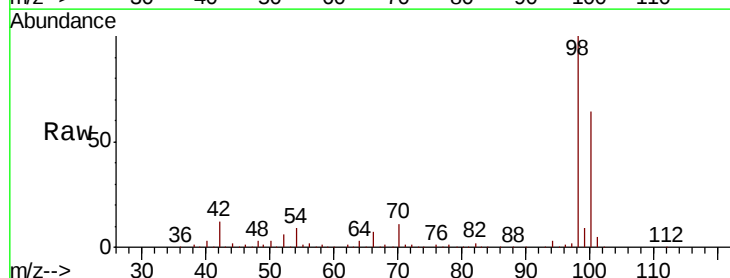


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

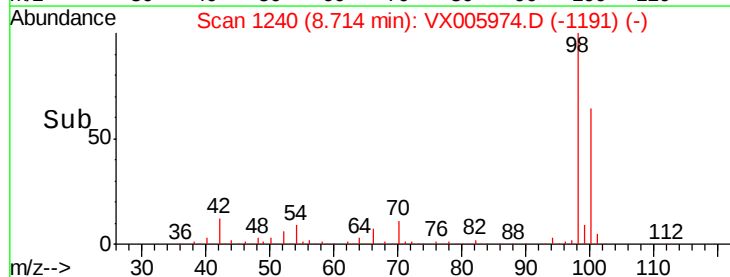
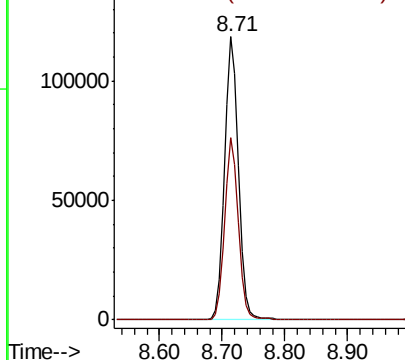


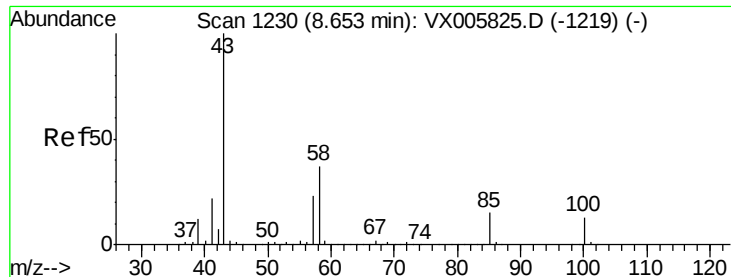
#50
Toluene-d8
Concen: 53.805 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Tgt Ion: 98 Resp: 181741
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.795 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

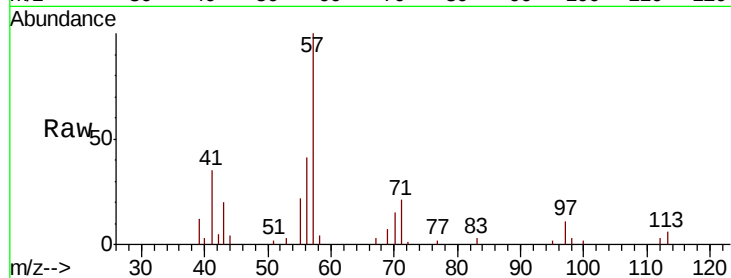
EP2-SB-105(0-4)MEDL

Tot Ion: 43 Resp: 1374

Ion Ratio Lower Upper

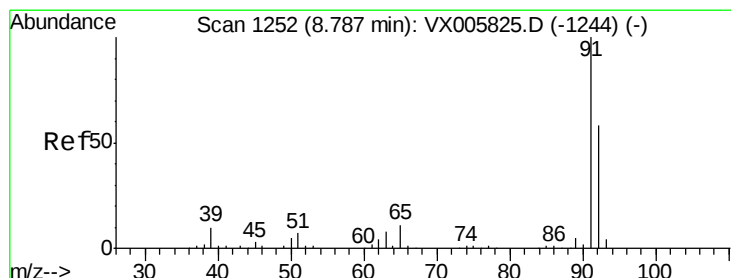
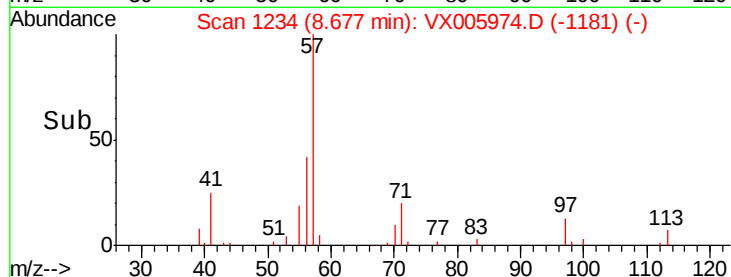
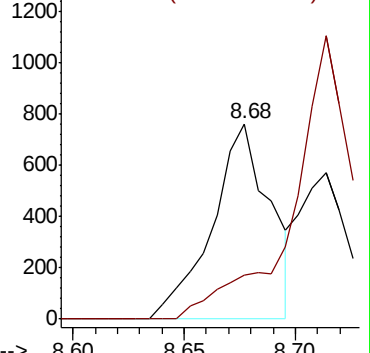
43 100

58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.373 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005974.D

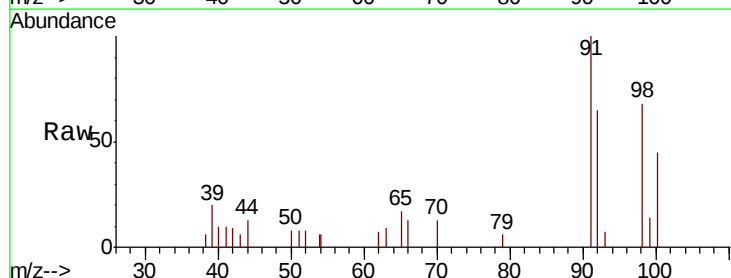
Acq: 14 Nov 2018 15:15

Tgt Ion: 92 Resp: 876

Ion Ratio Lower Upper

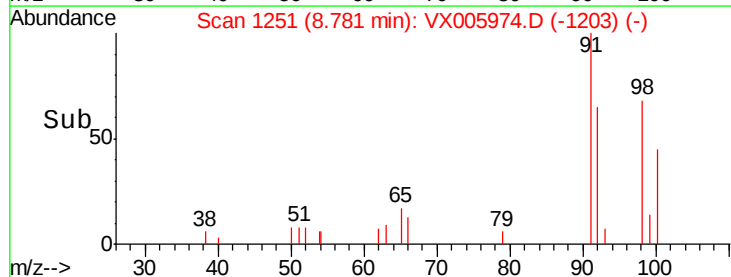
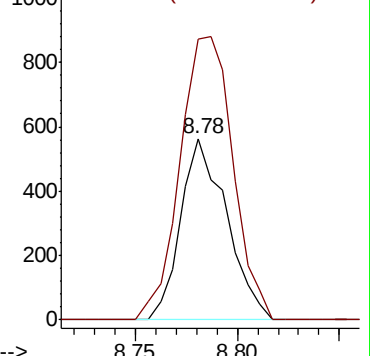
92 100

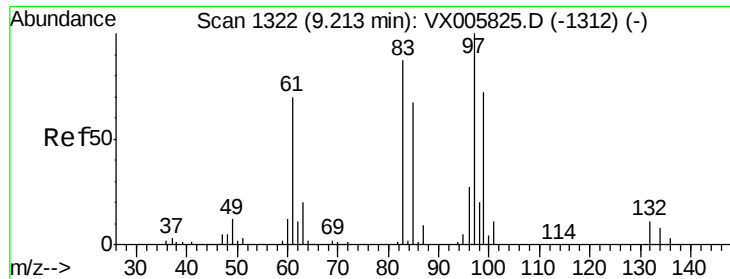
91 180.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

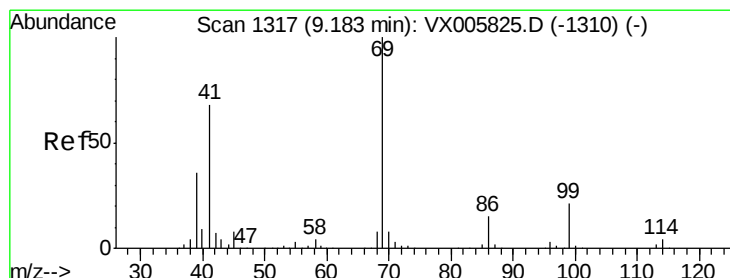
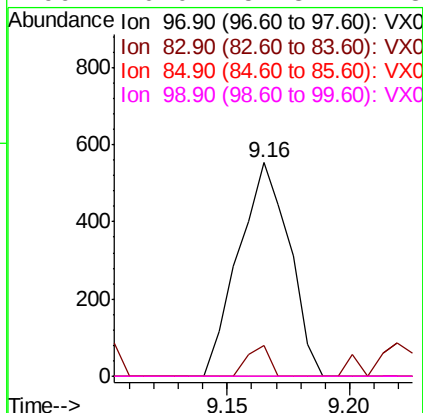
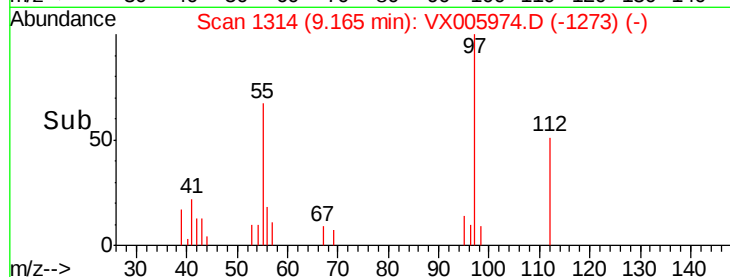
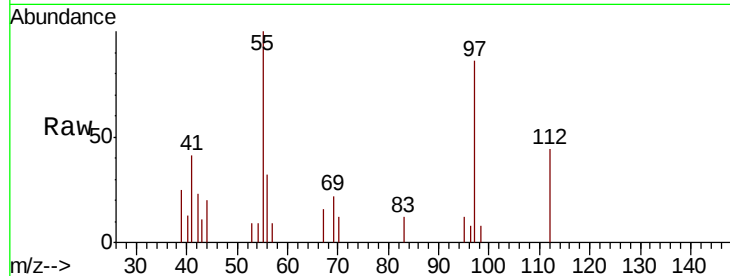




#55
 1,1,2-Trichloroethane
 Concen: 0.769 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

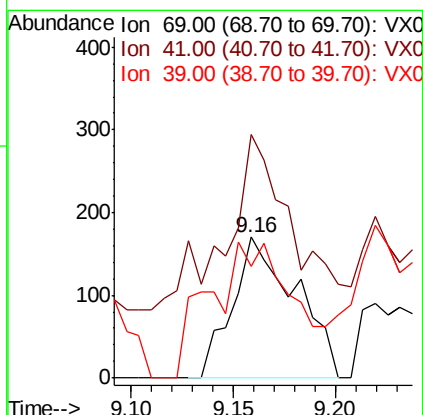
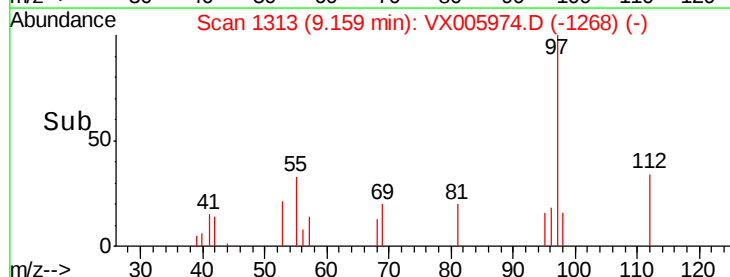
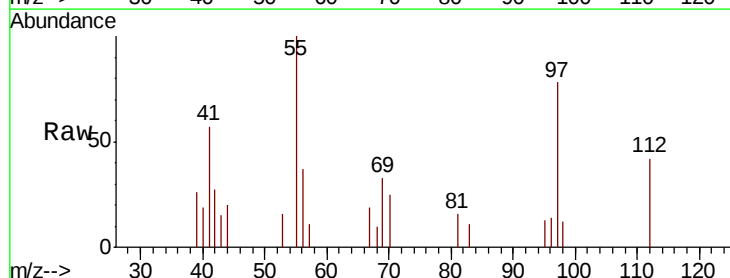
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-105(0-4)MEDL

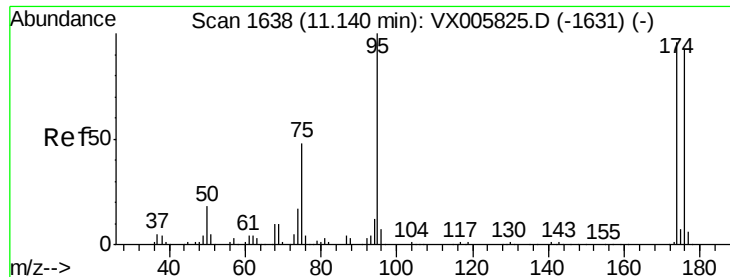
Tot Ion: 97 Resp: 804
 Ion Ratio Lower Upper
 97 100
 83 14.1 70.7 106.1#
 85 0.0 45.8 68.6#
 99 0.0 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 0.235 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

Tgt Ion: 69 Resp: 368
 Ion Ratio Lower Upper
 69 100
 41 120.7 57.0 85.6#
 39 127.7 28.3 42.5#





#62

4-Bromofluorobenzene

Concen: 55.643 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-105(0-4)MEDL

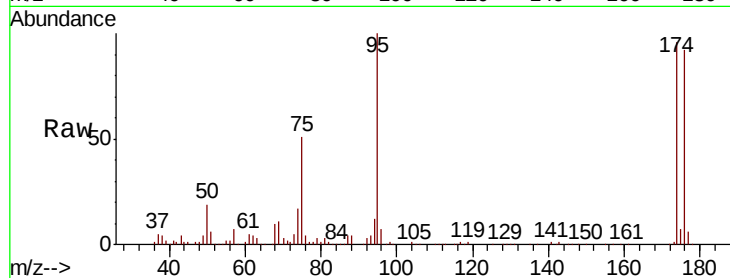
Tot Ion: 95 Resp: 67575

Ion Ratio Lower Upper

95 100

174 89.8 0.0 184.4

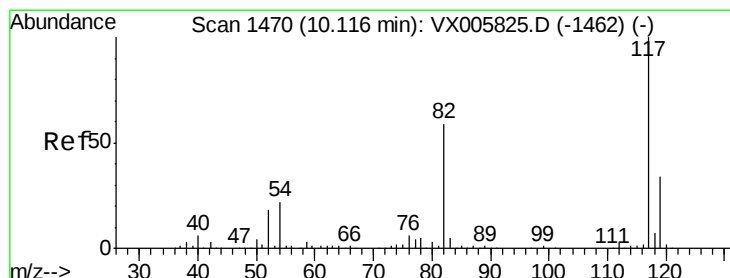
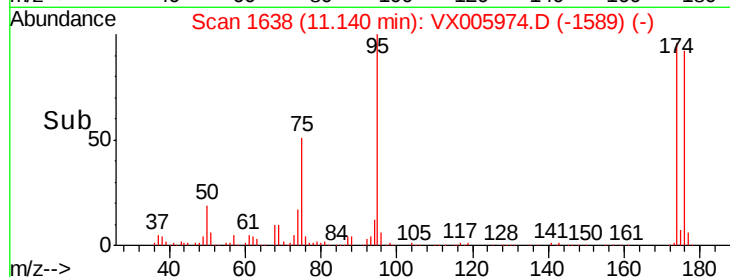
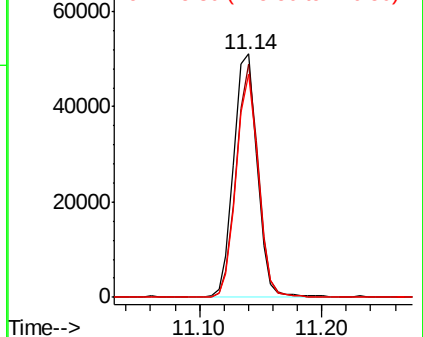
176 86.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

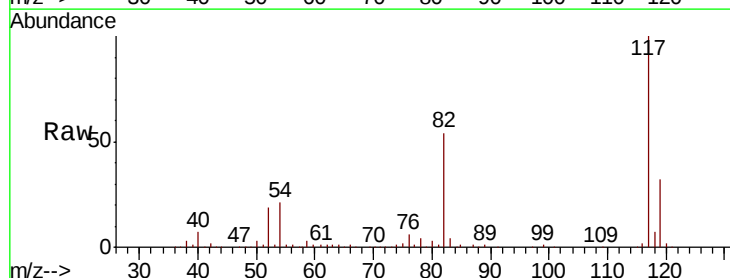
Tgt Ion: 117 Resp: 137316

Ion Ratio Lower Upper

117 100

82 54.1 44.1 66.1

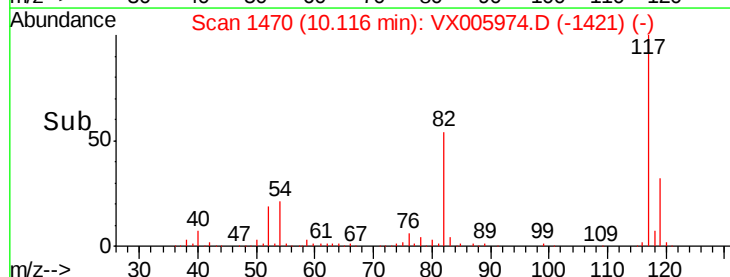
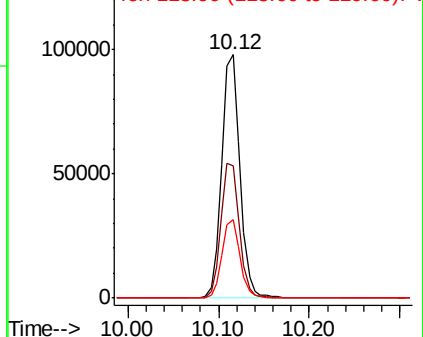
119 32.2 26.2 39.2

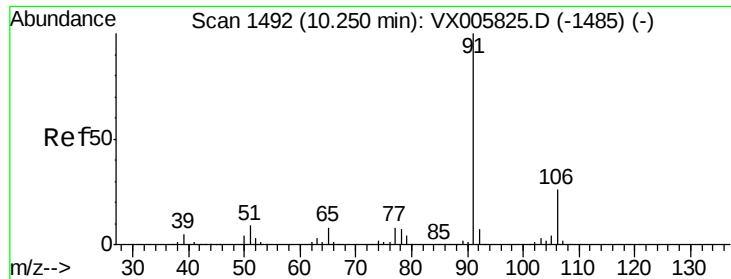


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

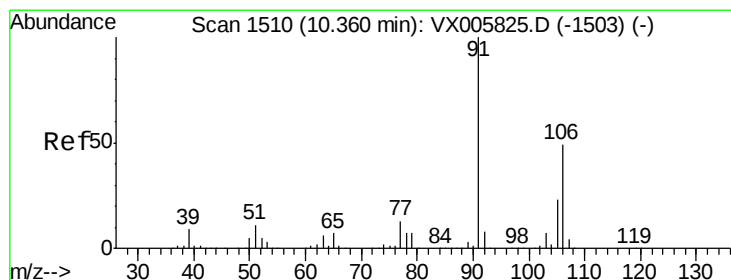
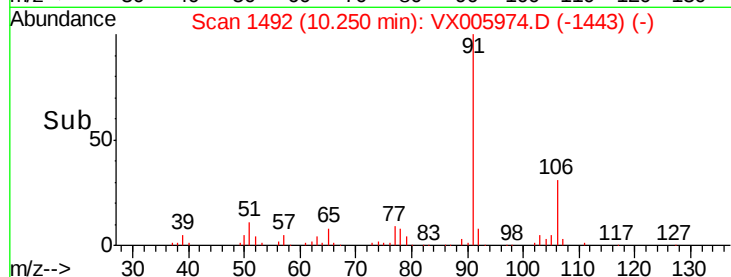
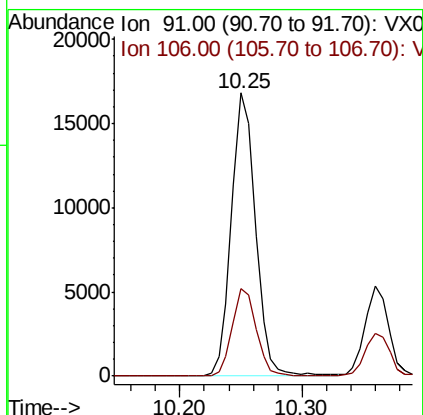
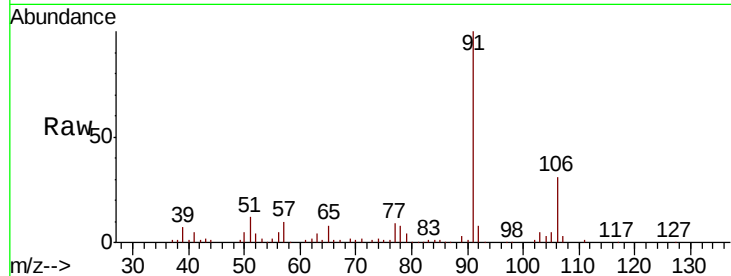




#67
Ethyl Benzene
Concen: 5.223 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

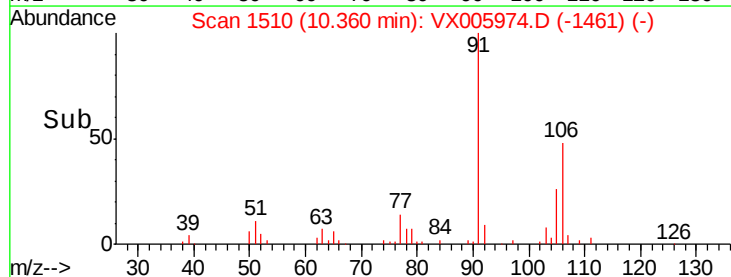
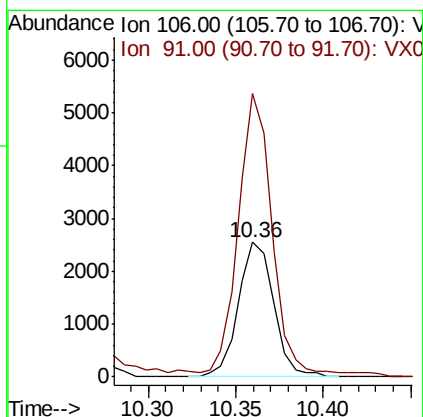
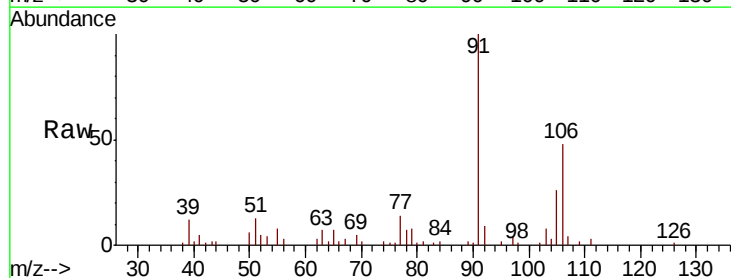
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-105(0-4)MEDL

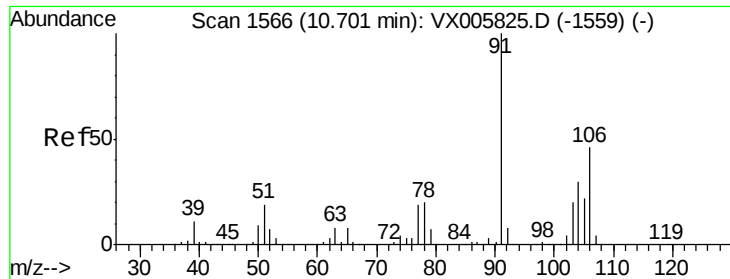
Tot Ion: 91 Resp: 23039
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6



#68
m/p-Xylenes
Concen: 2.132 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Tgt Ion: 106 Resp: 3588
Ion Ratio Lower Upper
106 100
91 206.1 164.2 246.4

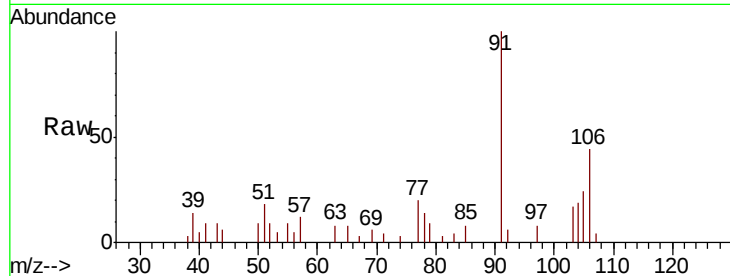




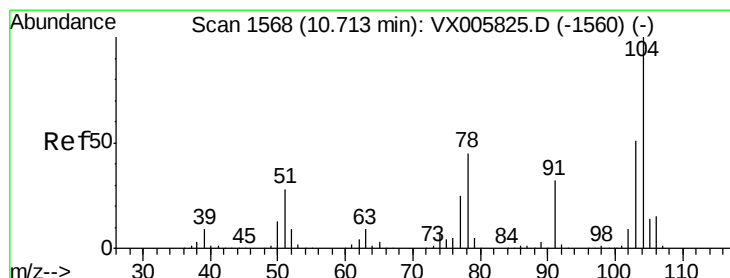
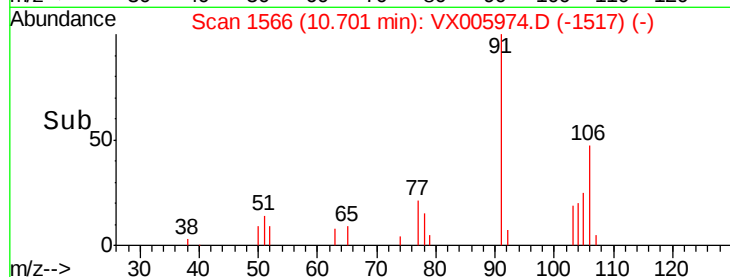
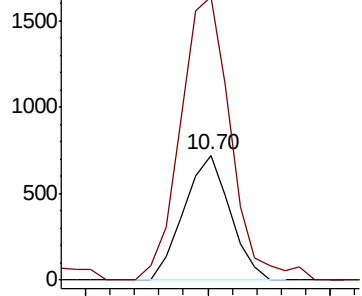
#69
o-Xylene
Concen: 0.625 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-105(0-4)MEDL

Tot Ion:106 Resp: 943
Ion Ratio Lower Upper
106 100
91 247.8 108.5 325.5

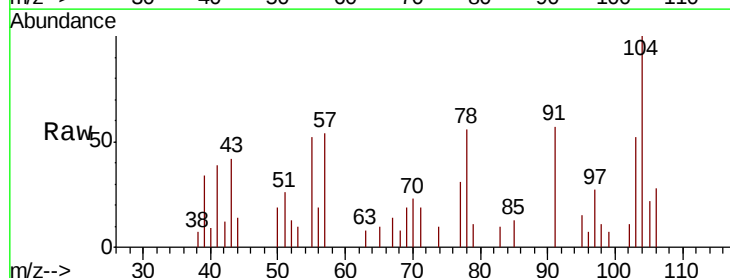


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

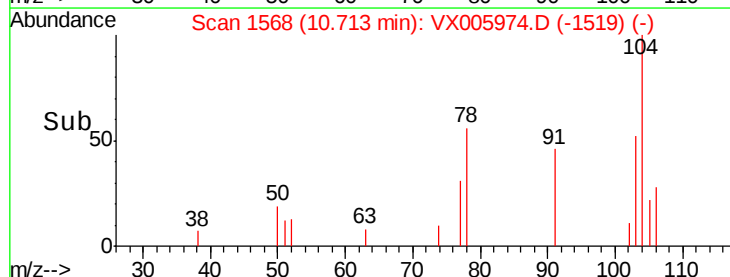
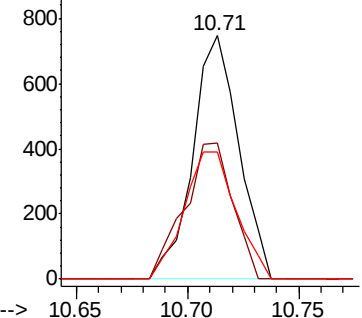


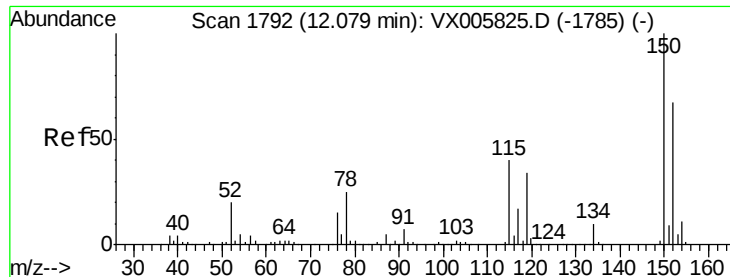
#70
Styrene
Concen: 0.431 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Tgt Ion:104 Resp: 1073
Ion Ratio Lower Upper
104 100
78 59.1 40.2 60.4
103 59.3 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-105(0-4)MEDL

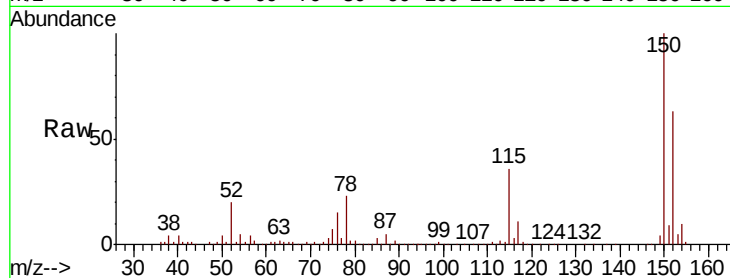
Tot Ion:152 Resp: 73504

Ion Ratio Lower Upper

152 100

115 57.3 39.4 118.1

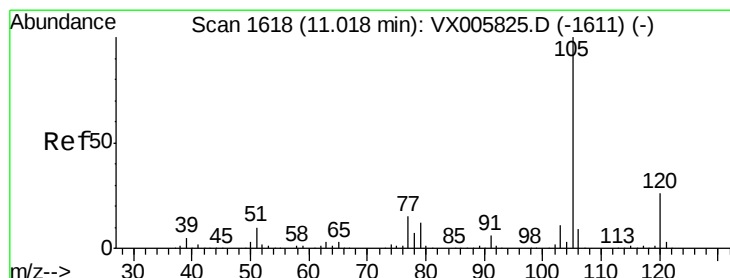
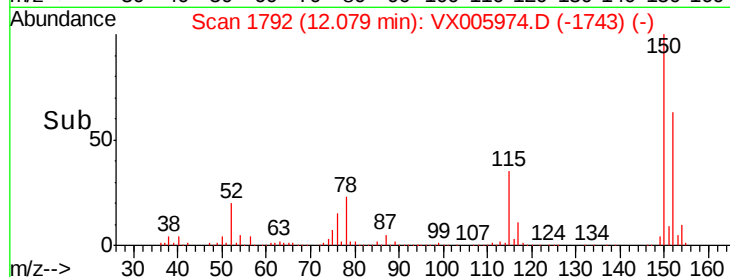
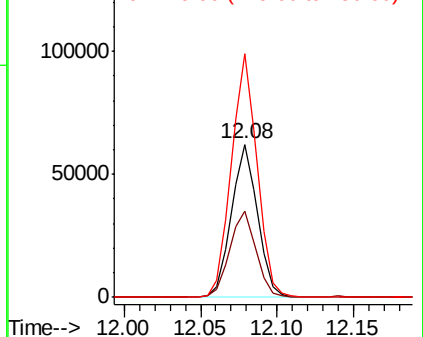
150 156.6 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.914 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005974.D

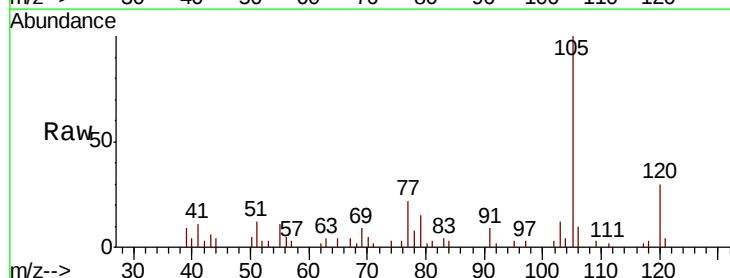
Acq: 14 Nov 2018 15:15

Tgt Ion:105 Resp: 3885

Ion Ratio Lower Upper

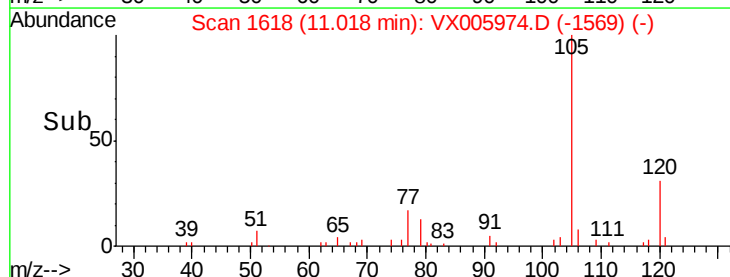
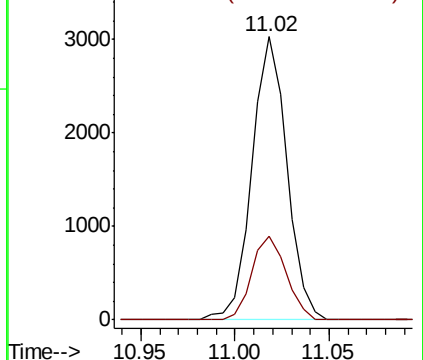
105 100

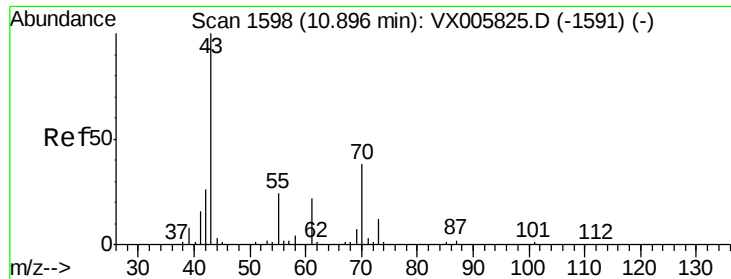
120 29.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.700 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-105(0-4)MEDL

Tot Ion: 43 Resp: 1099

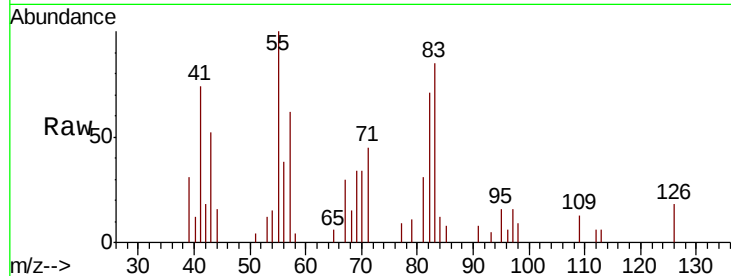
Ion Ratio Lower Upper

43 100

70 66.0 31.6 47.4#

55 196.5 19.7 29.5#

61 0.0 18.3 27.5#

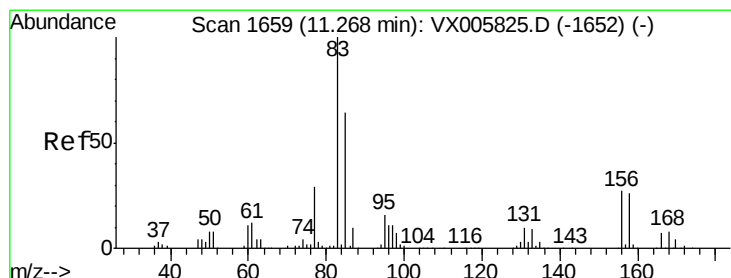
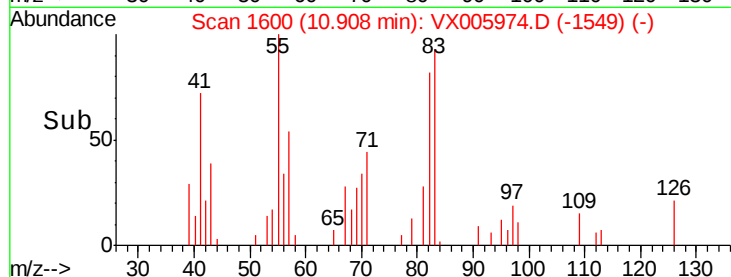
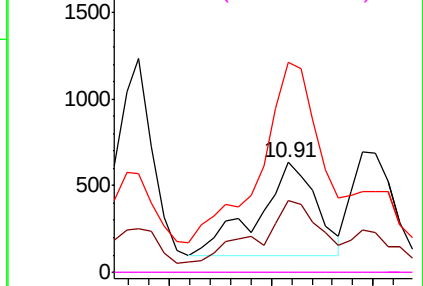


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.235 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

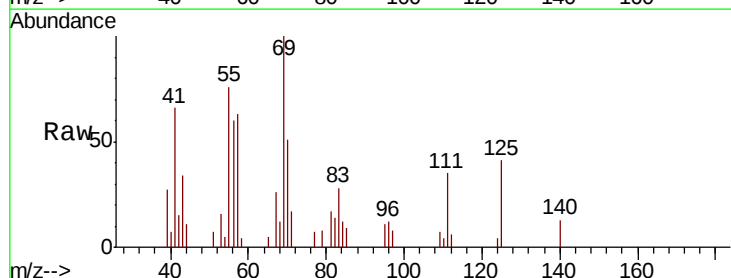
Tgt Ion: 83 Resp: 367

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

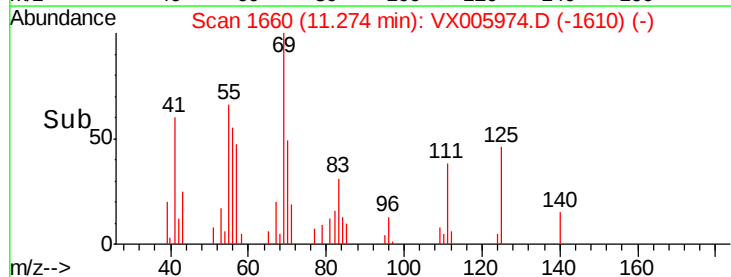
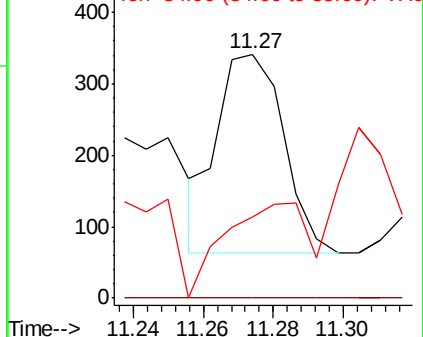
85 60.5 32.0 96.2

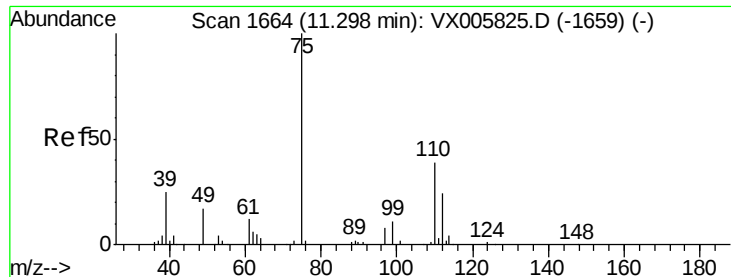


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 22.999 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

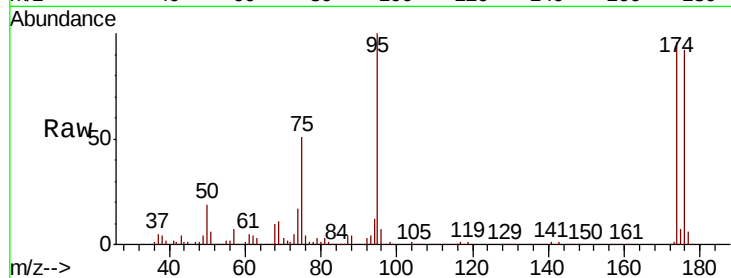
EP2-SB-105(0-4)MEDL

Tot Ion: 75 Resp: 34422

Ion Ratio Lower Upper

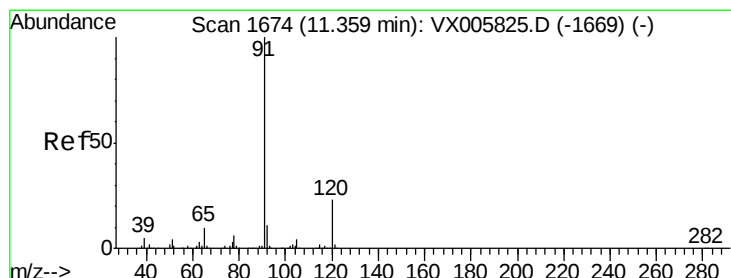
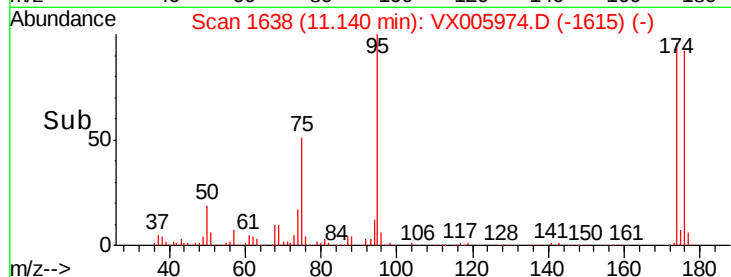
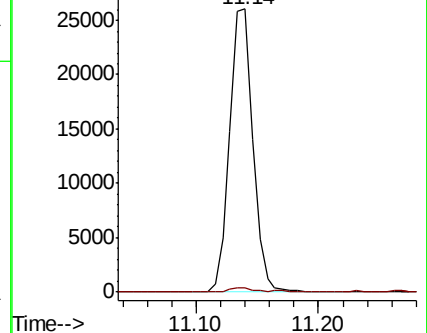
75 100

77 1.9 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 3.433 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005974.D

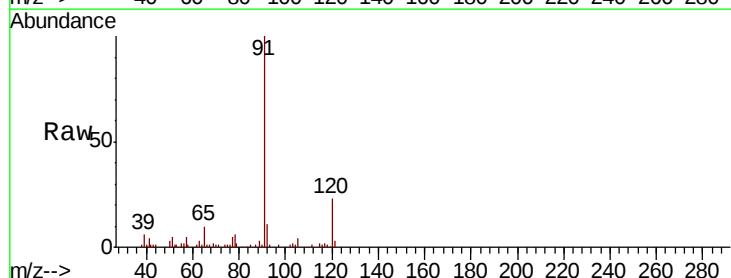
Acq: 14 Nov 2018 15:15

Tgt Ion: 91 Resp: 17197

Ion Ratio Lower Upper

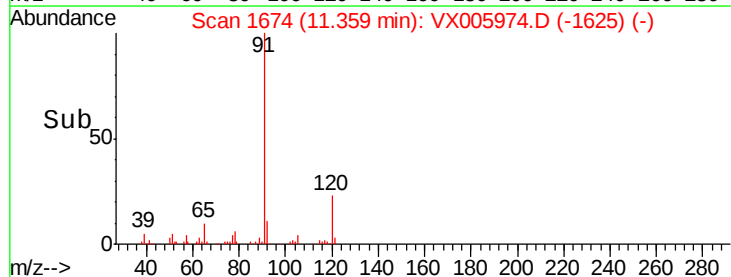
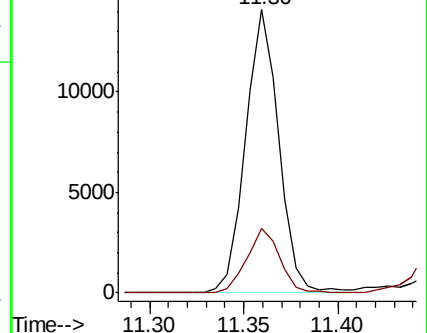
91 100

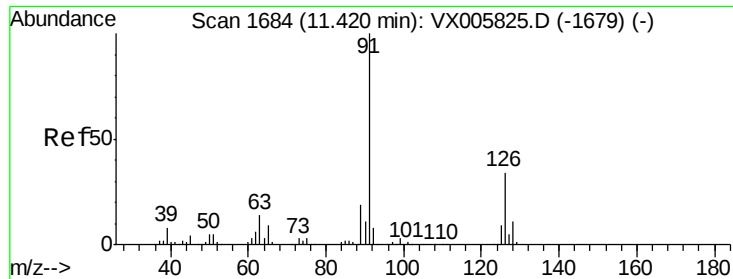
120 22.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

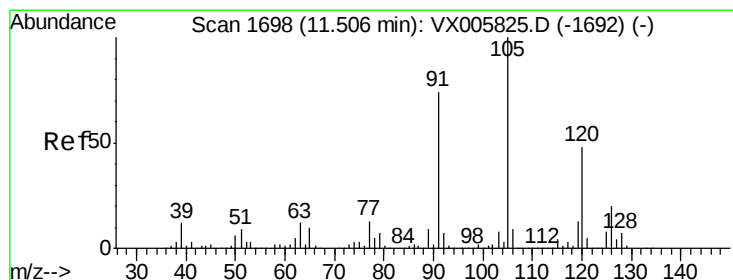
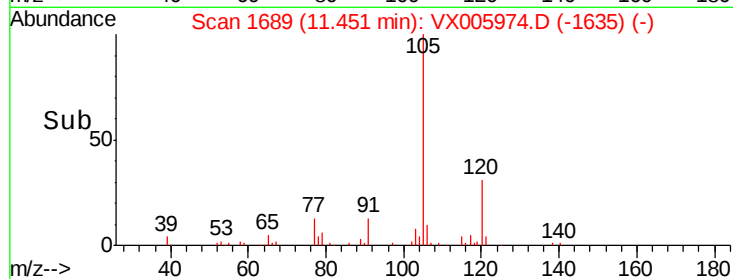
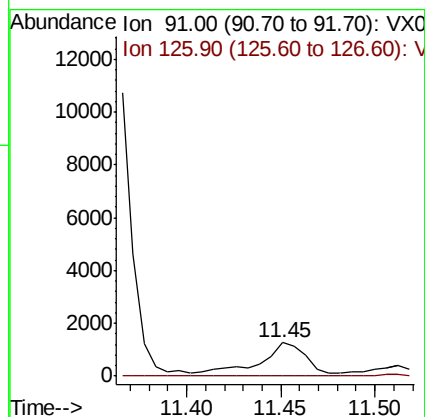
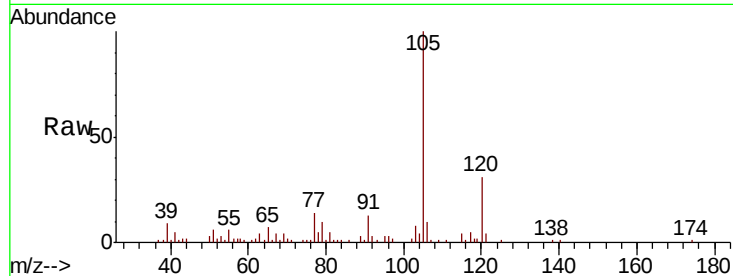




#79
 2-Chlorotoluene
 Concen: 0.752 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. 0.03 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

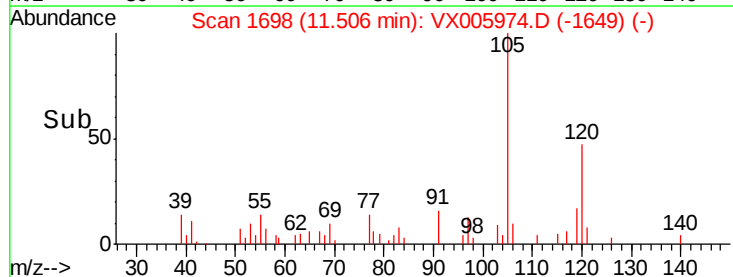
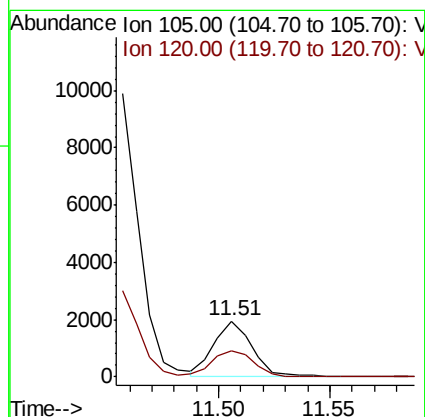
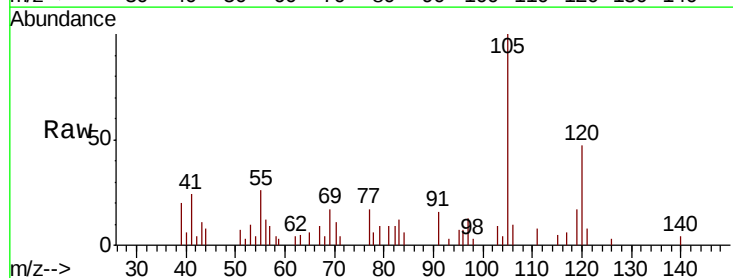
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-105(0-4)MEDL

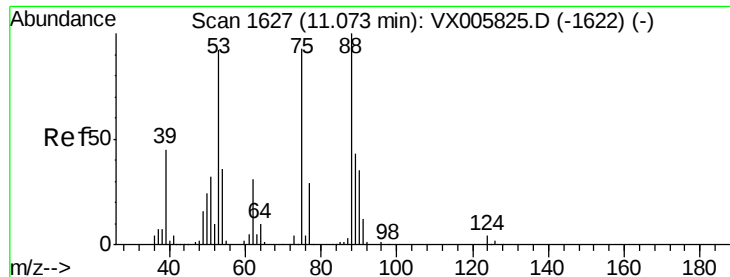
Tot Ion: 91 Resp: 2276
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.3 52.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.654 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

Tgt Ion: 105 Resp: 2363
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 73.300 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-105(0-4)MEDL

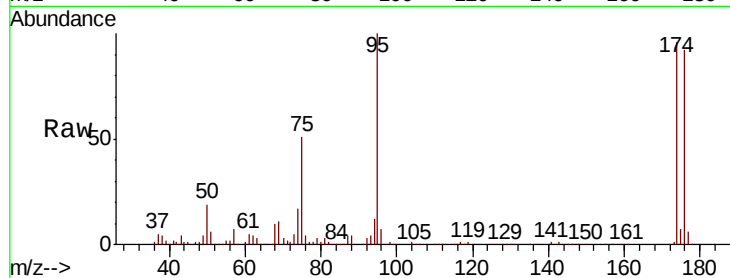
Tot Ion: 75 Resp: 34422

Ion Ratio Lower Upper

75 100

53 0.7 80.2 120.2#

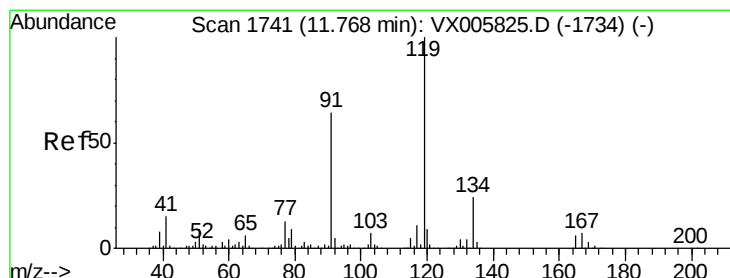
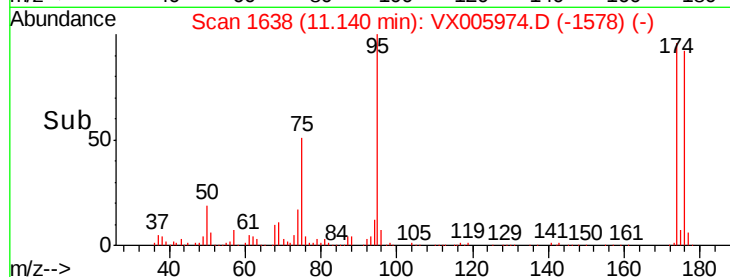
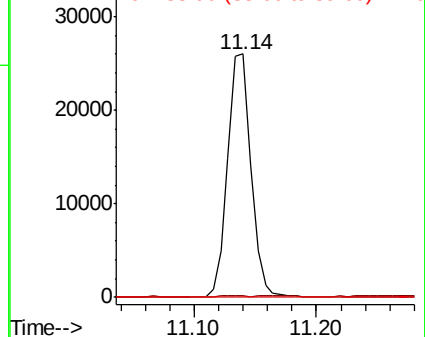
89 0.0 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#83

tert-Butylbenzene

Concen: 2.039 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

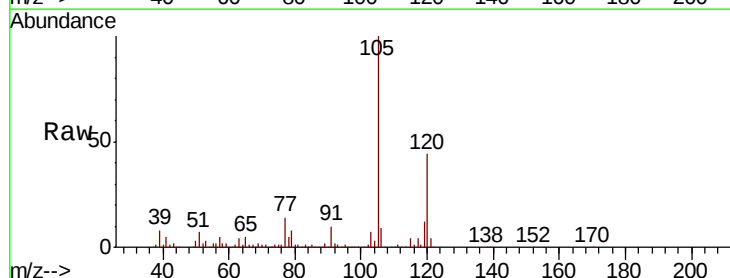
Tgt Ion: 119 Resp: 7452

Ion Ratio Lower Upper

119 100

91 91.8 28.5 85.5#

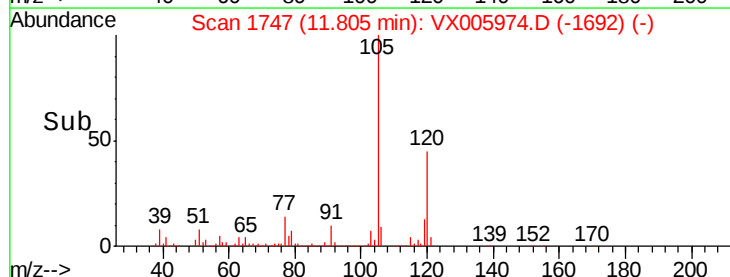
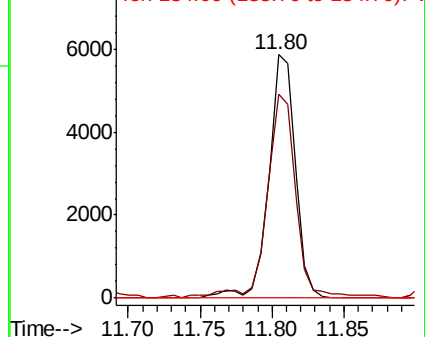
134 0.0 11.3 33.8#

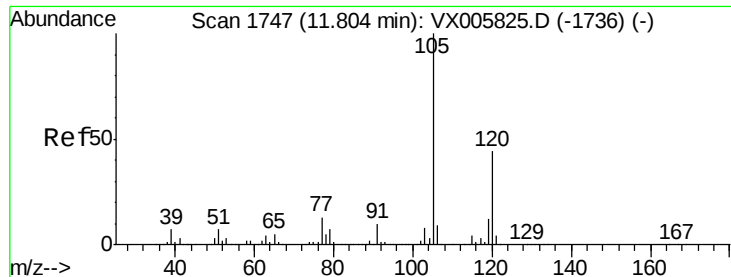


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 14.641 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX005974.D

Acq: 14 Nov 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

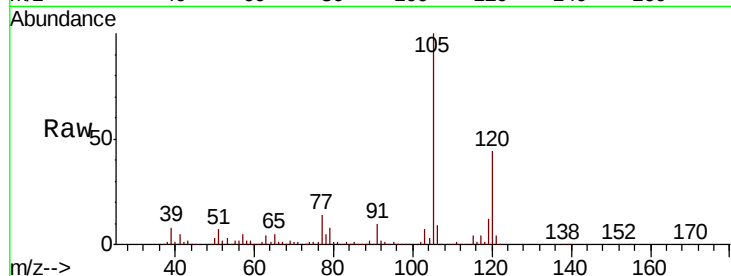
EP2-SB-105(0-4)MEDL

Tot Ion:105 Resp: 58702

Ion Ratio Lower Upper

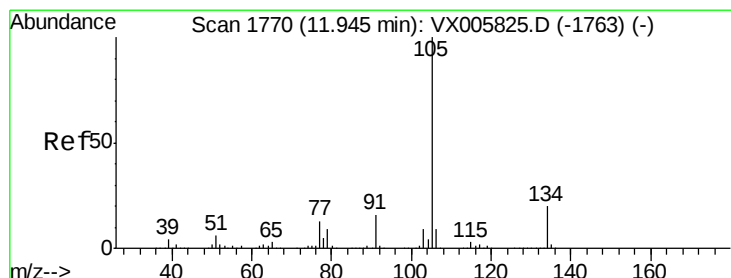
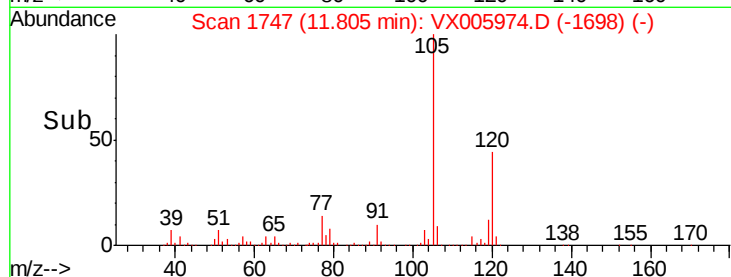
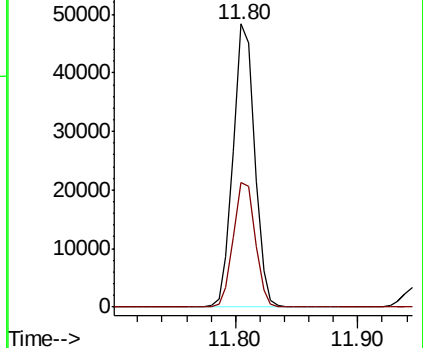
105 100

120 44.9 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.958 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005974.D

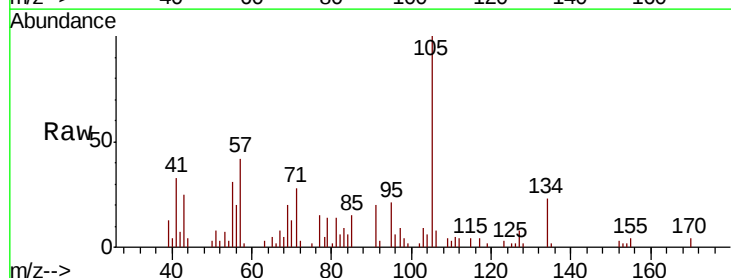
Acq: 14 Nov 2018 15:15

Tgt Ion:105 Resp: 4279

Ion Ratio Lower Upper

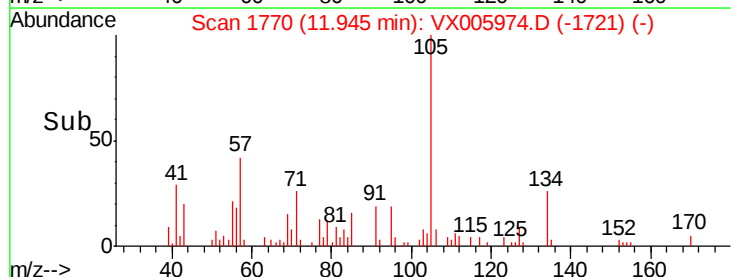
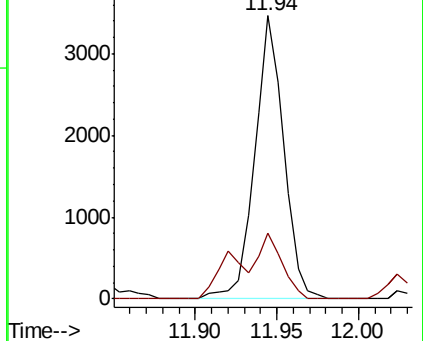
105 100

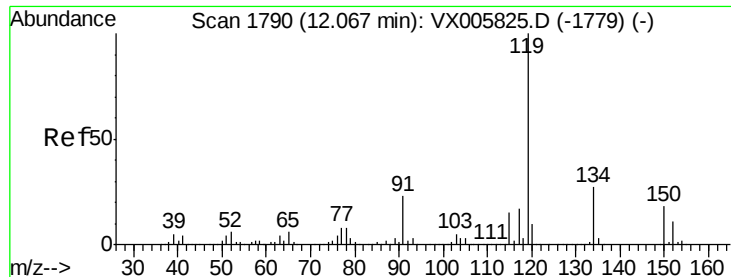
134 19.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

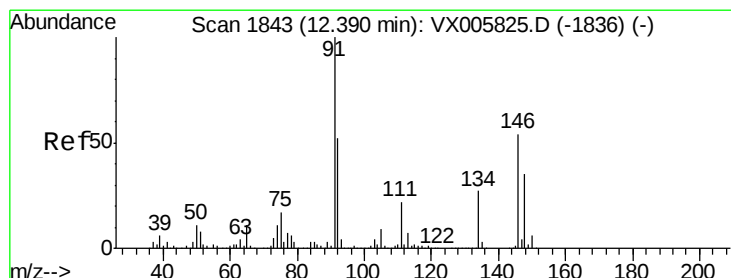
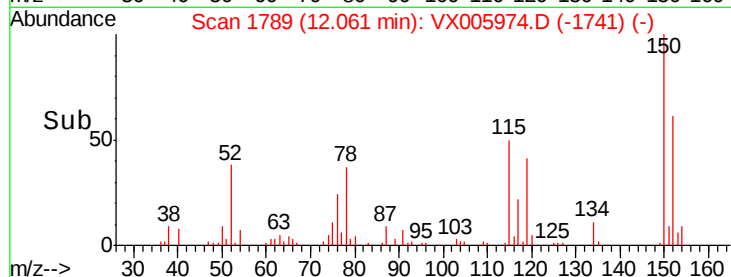
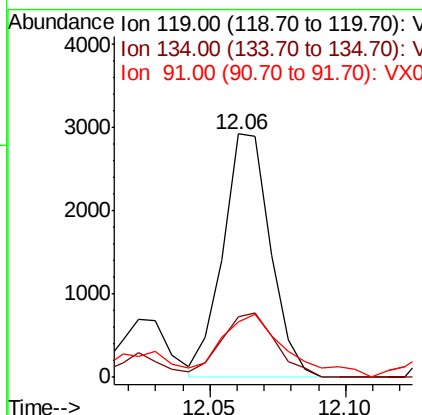
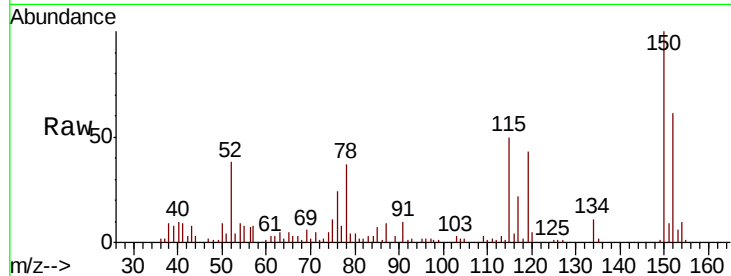




#86
p-Isopropyltoluene
Concen: 0.897 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.01 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

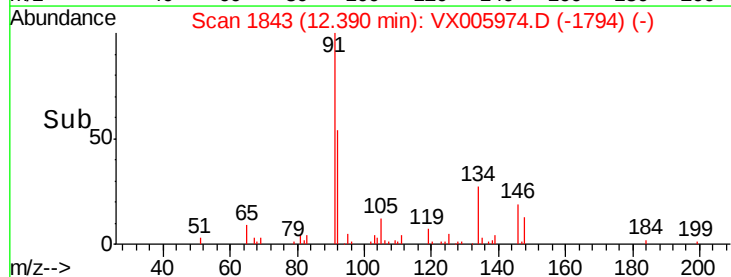
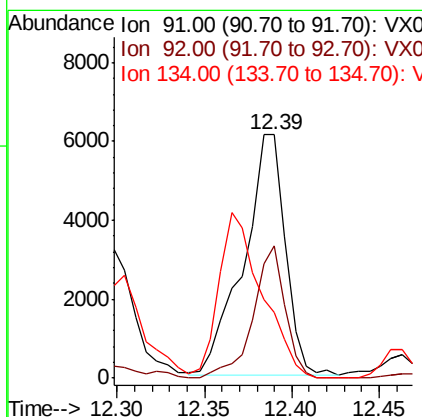
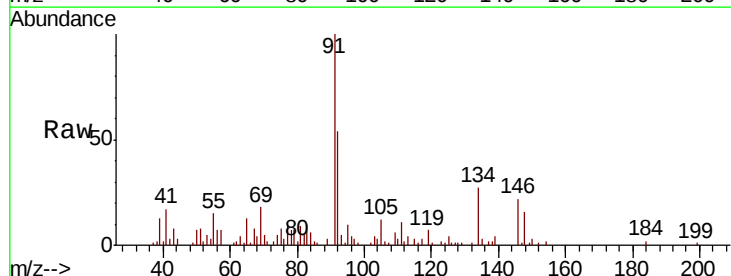
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-105(0-4)MEDL

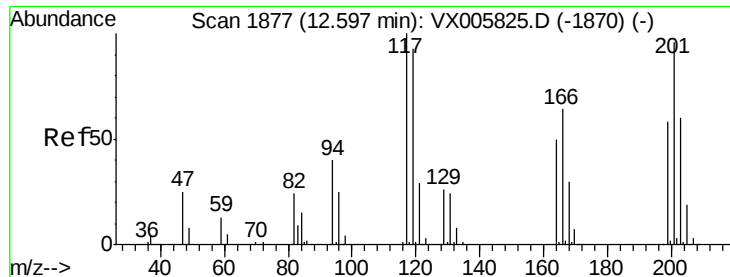
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.1	13.0	39.0
91	35.3	11.4	34.2



#89
n-Butylbenzene
Concen: 2.753 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.1	26.1	78.2
134	0.0	13.1	39.3

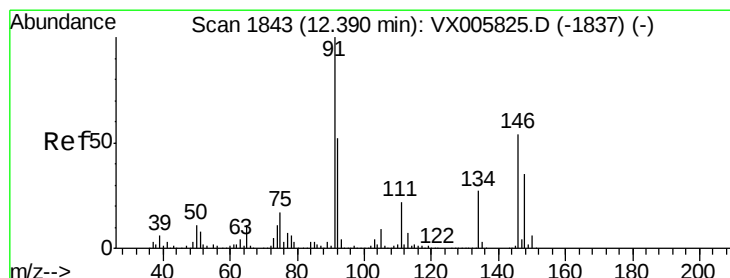
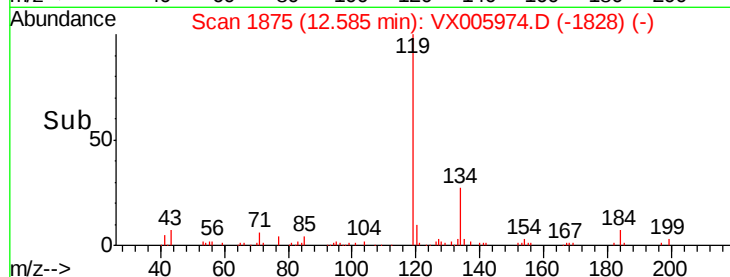
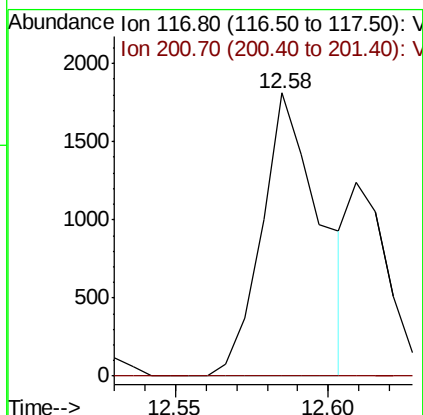
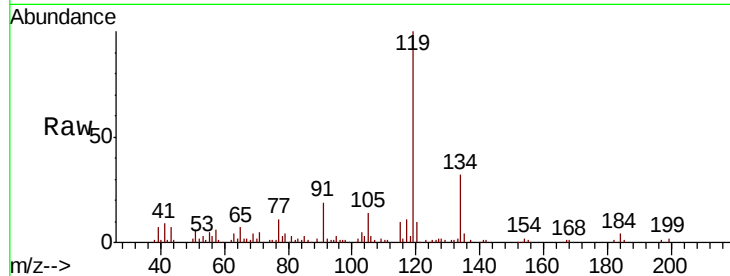




#90
Hexachloroethane
Concen: 3.642 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

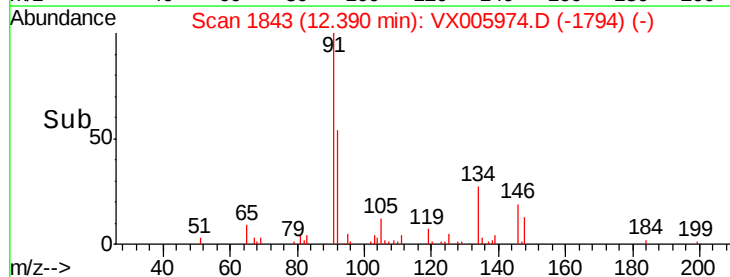
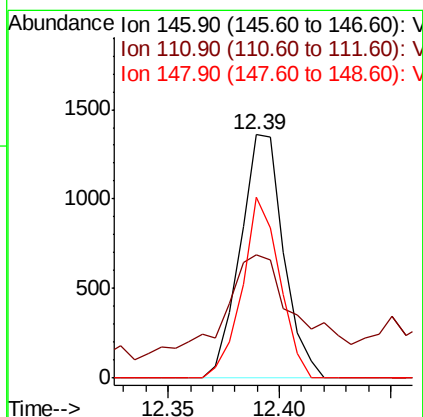
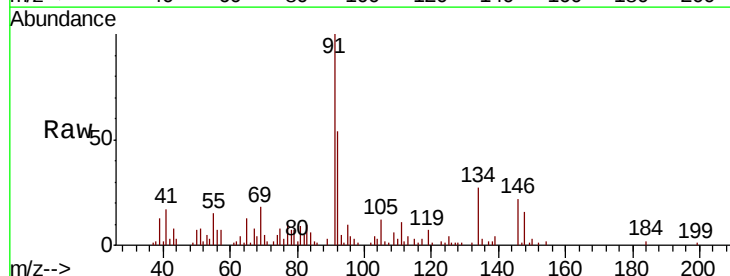
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-105(0-4)MEDL

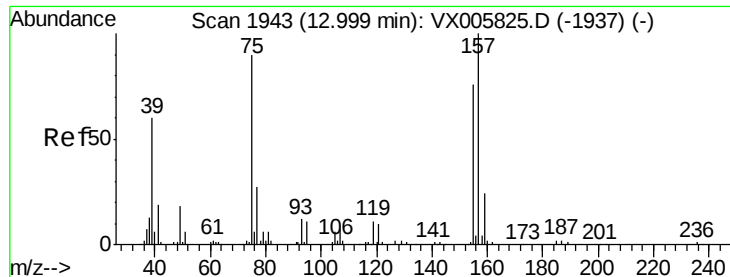
Tot Ion:117 Resp: 2407
Ion Ratio Lower Upper
117 100
201 0.0 47.9 143.6#



#91
1,2-Dichlorobenzene
Concen: 0.800 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005974.D
Acq: 14 Nov 2018 15:15

Tgt Ion:146 Resp: 1842
Ion Ratio Lower Upper
146 100
111 72.1 20.0 59.9#
148 64.2 32.2 96.6

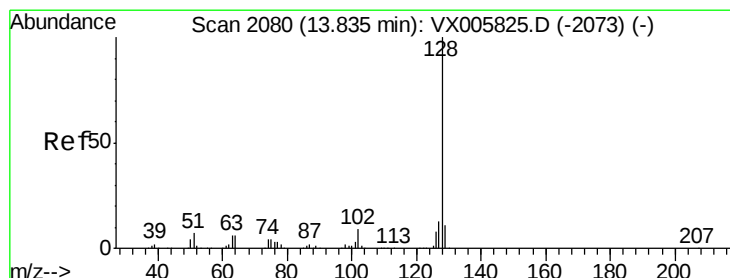
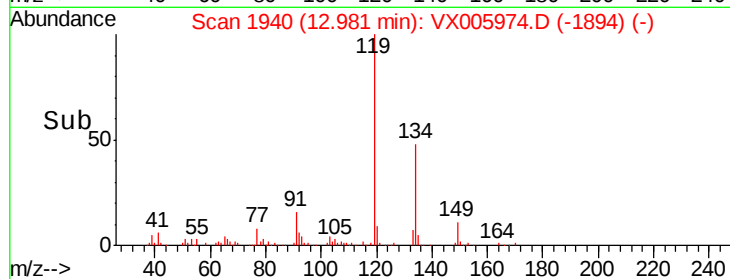
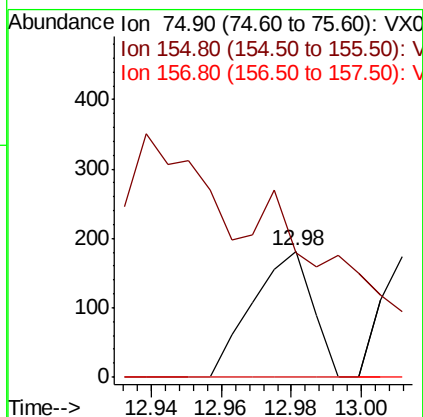
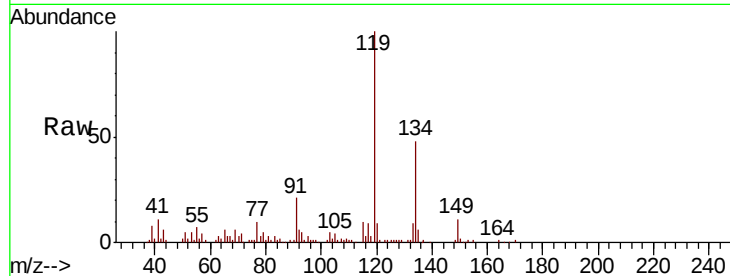




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.570 ug/l
 RT: 12.98 min Scan# 1940
 Delta R.T. -0.02 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-105(0-4)MEDL

Tot Ion: 75 Resp: 217
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.4 136.1#
 157 0.0 57.4 172.0#



#95
 Naphthalene
 Concen: 8.915 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX005974.D
 Acq: 14 Nov 2018 15:15

Tgt Ion: 128 Resp: 41903
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 13.5 8.7 13.1#

